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Notice

February 1, 1917.

Every county surveyor (and others) using this book should read the preface, and procure the United States maps covering his region shown on this index map. See also maps in pocket at rear of this volume. The survey points described on following pages may easily be located on the United States maps referred to, which may be had for ten cents per sheet, or for six cents per sheet for an order of fifty or more.

Use the sheet names printed in red on this index map, as they supersede all previous ones. All sheets thus indexed, with exceptions noted below, are printed on paper about 16 by 20 inches in size.

The Pioneer sheet, at the northwest corner of Ohio, includes the area west to the Indiana line. So also, the Bryan, Paulding, Van Wert, and Celina sheets include the areas west of each to the same line.

Some of the sheets have been combined for publication in one map. The East and West Cincinnati are so combined and may be thus had for twenty cents. Likewise those covering Muskingum County can be had printed on one piece of paper for forty cents. A Special map of Franklin County on a sheet about 16 by 20 inches in size, and one of Cleveland and vicinity on the same sized sheet, has been printed by the U. S. Geological Survey.

All the maps, above referred to, show relief in brown, water features in blue, and culture in black, to a scale of about one mile per inch. Many other maps are also for sale by the U. S. Geological Survey, and information may be had by writing The Director of that bureau at Washington, D. C.

To save the delay of sending to Washington, one may purchase the above maps at slightly increased cost of dealers at the following Ohio cities:

Alliance: Alliance Business College, Arch and Main Streets.

Cincinnati: U. P. James, Bookseller, 127 W. 7th St.

Cincinnati: C. S. Mendenhall, 512 Race St.

Cleveland: Burrows Brothers Co., 633 Euclid Ave.

Columbus: A. G. Geren, 1602 North High St.

Salem: Salem Business College, 45½ E. Main St.

The United States authorities do not accept stamps, so money must be sent by Post Office or express company order, by bank draft, or in cash at the sender's risk.

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DESCRIPTION OF

SURVEYING MARKS AND MON

USED IN MAKING

TOPOGRAPHIC SURVEY OF

BEING

Volume II

OF THE

FINAL REPORT

(In Four Volumes)

OHIO COOPERATIVE TOPOGRAPHIC SURVE

BY

C. E. Sherman, C. E.

Inspector

1917

Press of
The Ohio State Reformatory
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LETTER OF TRANSMITTAL

COLUMBUS, OHIO, April 2, 1917.

Hon. James M. Cox, Governor of Ohio.

SIR:

As your representative in the work of inspecting the topographic survey of Ohio made by the United States Geological Survey in cooperation with the State, I have the honor to present herewith Volume II of my final report on the work. Volume I, being a report on The Ohio-Michigan Boundary, has already been presented to and adopted by the 82nd General Assembly at its regular session closed last week.

All available information, concerning the surveying marks and monuments used during the progress of the survey, has been compiled, edited, and carefully presented herewith. These notes will be of increasing use to all civil engineers, surveyors, and map makers in the State, whether they be engaged in public or private capacity.

Nearly all the marks and monuments herein described have been set by the engineers of the United States Geological Survey, and the officials of that organization have rendered every assistance in publishing the volume, including reading the proof, and engraving and printing the three maps it contains.

Also the officers of the Corps of Engineers, United States Army; of the United States Coast and Geodetic Survey; and of cities and railroads within the State, have supplied all available data in their possession, that was pertinent. The U. S. Coast and Geodetic Survey has kindly furnished the electroplates for the table inserted in pocket on the back cover of this volume.

The State employees who have assisted in the work are Mr. Gabriel Weber, who, assisted by Mr. G. J. Militante, prepared Maps 1 and 2 in pocket for engraving; Prof. W. D. Turnbull, who lent assistance at various stages of the work; and Miss Hazel Harris, who assisted in the preparation of the material for publication, and assisted Mr. Weber in proof-reading the entire work. I desire here to acknowledge the faithful and efficient service of all.

Altho this volume includes all the information relative to the surveying marks and monuments used in completing the field work, two more volumes will be needed to present the remaining material made available by the survey. Provision was made for these two volumes in the Sundry Appropriation bill by the General Assembly finance committees, but unfortunately on the last day of the session, last Tuesday, the entire bill was defeated. It is to be hoped that the Emergency Board will make provision for the publication of the two remaining volumes while the material may yet be most easily prepared and presented.

Very respectfully,

C. E. SHERMAN

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Preface

1. Any one who wishes to know accurately the elevation of points in Ohio above sea level, will find 10,007 such points described in this book. Also the latitudes and longitudes (geographic positions) of 5802 other points are accurately given for the use of engineers, surveyors, map-makers, and draftsmen. While little use has heretofore been made, by other than National bureaus, of geographic positions—whether determined by primary triangulation or primary traverse—these points, presented in Parts I and II following, are bound to become increasingly useful in making future surveys and maps, and every civil engineer, surveyor, or map-maker, should know how to use them.

2. The United States Geological Survey is topographically surveying the whole country by *quadrangles,* each quadrangle being 15 minutes of longitude wide by 15 minutes of latitude long.* The maps of these quadrangles are printed on sheets about 16 by 20 inches in size, and sold by the Federal Bureau at cost of publication. These topographic sheets show all the surface features of the ground, including all irregularities of elevation and depression, as accurately as a scale of 1 inch per mile permits. *Ohio was thus completed in 1916.* The State extends over all or portions of 212 quadrangles. Maps of 5 partial quadrangles along the Indiana boundary have been combined for publication with those of the adjacent quadrangles on the east, so that only 207 sheets need be purchased to obtain a complete map of the State. See notice on Index Map in front.

3. All available *field notes* gathered in surveying the foregoing quadrangles have been obtained from United States officials, and have been carefully edited, arranged, and printed on pages following. Supplementary data of a similar nature is presented in appendixes. All these notes while obtained primarily to make the Government maps, are useful for checking future surveys of all kinds, and for making future profiles, maps, and atlases in much greater detail and to much larger scale than those of the National government. Some of these uses are suggested in paragraphs 10 and 11 following, in addition to which other uses of the data herewith presented will suggest themselves to the thoughtful engineer.

4. *Abbreviations* have been used throughout most of the book and in this way about 100 pages have been saved. In connection with the context the abbreviations will be readily understood, but for additional clearness they are listed as follows:

*Linear latitude and longitude dimensions are given on the 5th page following. In the more sparsely settled regions 30 minute, or even 1° quadrangles are being used, the resulting maps being printed to smaller scale on the same sized sheets as the 15′ quadrangles.

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abut.	abutment	+rd.	crossroad	sec.	section
alum.	aluminum	culv.	culvert	s.	south
approx.	approximate	dist.	distant	sq.	square
B. M.	bench mark	elec.	electric	stpd.	stamped
brg.	bridge	e.	east	sta.	station
blg.	building	found.	foundation	st.	street
cem.	cemetery	mi.	mile	tab.	tablet
cen.	center	n.	north	tel.	telephone
cor.	corner	pt.	point	tel.	telegraph
cov'd	covered	quad.	quadrangle	tp.	township
+	cross	rd.	road	trk.	track
+ing	crossing	ry.	railroad	w.	west

5. No *index* has been included in this volume. The frontispiece; the table of contents; the method of arranging the notes; **Map 1** and **Map 2** in pocket on back cover; and the table of counties and quadrangles on pages 759 and 760, afford ready access to the information presented. One should accustom himself to locate a point by its latitude and longitude, which is its own best index. The material in Part I is arranged by counties, but the latitude and longitude of each point is given. The field notes in Parts II and III are arranged alphabetically by quadrangles, but the position of any quadrangle may be readily found by the latitude and longitude of its southeast corner as given in the table of the 212 quadrangles on page 760.

6. The publication of the material in this volume is deemed to be especially timely because: (1) The topographic map of the entire State has just been completed; (2) a final adjustment of, and final method of adjusting, all data has only recently been adopted by our National Government. Thus in 1910 the orthometric versus the dynamic method of determining elevations above sea was adopted by Federal bureaus, and in 1912 a grand adjustment of the precise level net of the United States was made on this basis, which includes all elevations given in this book, except some in Appendix A. Likewise in 1913 the Clarke Spheroid of 1866, which was previously in use by the United States, was adopted by Canada and Mexico, so that it now becomes the North American Datum, and the notes given in Parts I and II herewith are based on this datum.

7. *The material in this volume therefore replaces all similar material in preceding publications* of the Ohio Topographic Survey. It likewise includes, in finally adjusted form, the similar notes relating to Ohio in all previous United States publications, some of which are as follows: Bulletins 181, 201, 216, 245, 276, 310, 411, 440, 476, 496, 518, and 552 of the U. S. Geological Survey; Appendix 8–Report for 1898-99, Appendix 3–Report for 1903, Precise Leveling in the United States 1903-1907, Special Publication 18, and Special Publication 30, of the U. S. Coast and Geodetic Survey; and in all previous publications of these and other National bureaus which have print[illegible] elevations or geographic positions for Ohio.

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8. Where such a great mass of information is gathered and presented, *mistakes and errors* are apt to occur in both field and office. A mistake in the field is an inaccuracy that can and should be avoided; an error is an inaccuracy that is unavoidable, but should be reduced to practicable limits. Both, mistakes and errors in the field work in Ohio, have been properly treated so far as time and money have permitted. Similarly, typographical mistakes have been reduced in this book by careful proof-reading, Nevertheless, the user of this volume should check his work on at least two marks or monuments when practicable. Used in this way, the book will become a handy manual to the engineer for future use, especially if he will subsequently add his own notes and corrections on the proper pages.

9. Wide use has already been made of the topographic sheets previously mentioned, and, many persons have made use of data like that in Part III. Its great future service, it is hoped, will be to induce everyone in Ohio to refer elevations to one and the same base—mean sea level. But Parts I and II of this volume should become equally useful to engineers, surveyors, and draftsmen, and it is a prime object of this preface to emphasize this utility. Now that the North American Datum for horizontal control has been finally adopted it would be well henceforth to *base all important surveys and maps in Ohio on the data presented in this book.*

10. By *important maps* is meant township and county tax maps, maps of conservancy projects, of gas, oil, or other mineral properties of extent, city topographic surveys, sanitary districts, county highway maps, and maps for other purposes where the area covered is equivalent to at least fifty square miles. Such maps in the past have usually been "floating" without adequate control, and, where compiled to cover any considerable portion of the State, have required an immense amount of fudging to piece them together. This will be obviated in future, and each portion independently checked, if the data in this book are properly used and the maps drawn to polyconic projection with latitude and longitude lines shown.

11. But whether or not the scientific method above mentioned is used extensively in making future maps in this State, the surveying marks and monuments described in Parts I and II will be found very helpful not only in checking field surveys made for above mentioned maps, but also in *checking the field work* of surveying railways, highways, pipe-lines, river improvements, traction lines, canals, and other projects involving lines of considerable length. For this reason attention is invited to the explanations of Parts I and II.

12. Permanent marks or *monuments* are placed at all occupied triangulation and primary traverse stations shown on **Map 1** and at all the points marked with crosses on **Map 2**. These marks are of various design as described in the notes. Most of those set by the U. S. Geological Survey

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are bronze or aluminum discs, with or without 3-inch stems as shown in accompanying cut. Those with stems C are cemented into solid rock or masonry, whichever is most available. Where neither rock nor masonry is at hand the discs are riveted on iron posts (or pipes) 4 feet long, set about 3 feet in the ground, and flared at the bottom to give firm bearing A. These discs have been used alike for many vertical as well as for horizontal control monuments, although the elevations of the latter may not have been determined. Where used for vertical control (bench marks), a datum is often stamped thereon at G in sketch B. See explanation of Part III.

13. Besides the more permanent tablets just described, many other equally useful marks have been set. Copper bolts, leaded into masonry, chiseled crosses or squares, highest points on large bowlders, and conspicuous marks on buildings or monuments have also been used. In addition, in the western part of the State many copper nails (see figures E and F in the cut) have been driven through stamped copper washers into the roots or stumps of trees, to serve for temporary bench marks, and although these are far from permanent, many of them will be serviceable for a long time. All these lesser marks or monuments are not shown on Map 1 and Map 2 but are carefully described in the text so that they may be located on the topographic sheets, or found in the field.

14. The *cooperation of all persons* is hereby solicited to preserve all marks and monuments so far as practicable, on account of their future value in work within the State. When absolutely necessary to remove a monument, the fact should be communicated to The Director, U. S. Geological Survey, Washington, D. C., who will gladly issue necessary instructions. In case any mark has been destroyed, or information concerning a new mark is desired, inquiries should be made of the Director of the U. S. Geological Survey, because this Federal Bureau maintains facilities for continuing such work.

Explanation of Part I

15. Part I gives the data pertinent to the primary triangulation stations set within the State, which together with the subsidiary primary traverse stations described in Part II, constitute the *Horizontal Control* for Ohio, as shown on **Map 1**—*Red Map*—in pocket. Primary triangulation stations may be readily used by the ordinary surveyor for checking his field measurements, if his field work be connected to these stations. The distance between two such stations would form the closing side of a polygon, of which the other sides are measured by the surveyor of the railway, highway, or other similar line. Such surveys as the latter seldom attain an accuracy of more than 1 in 5,000, whereas the distances between triangulation stations have been determined a hundred times closer.

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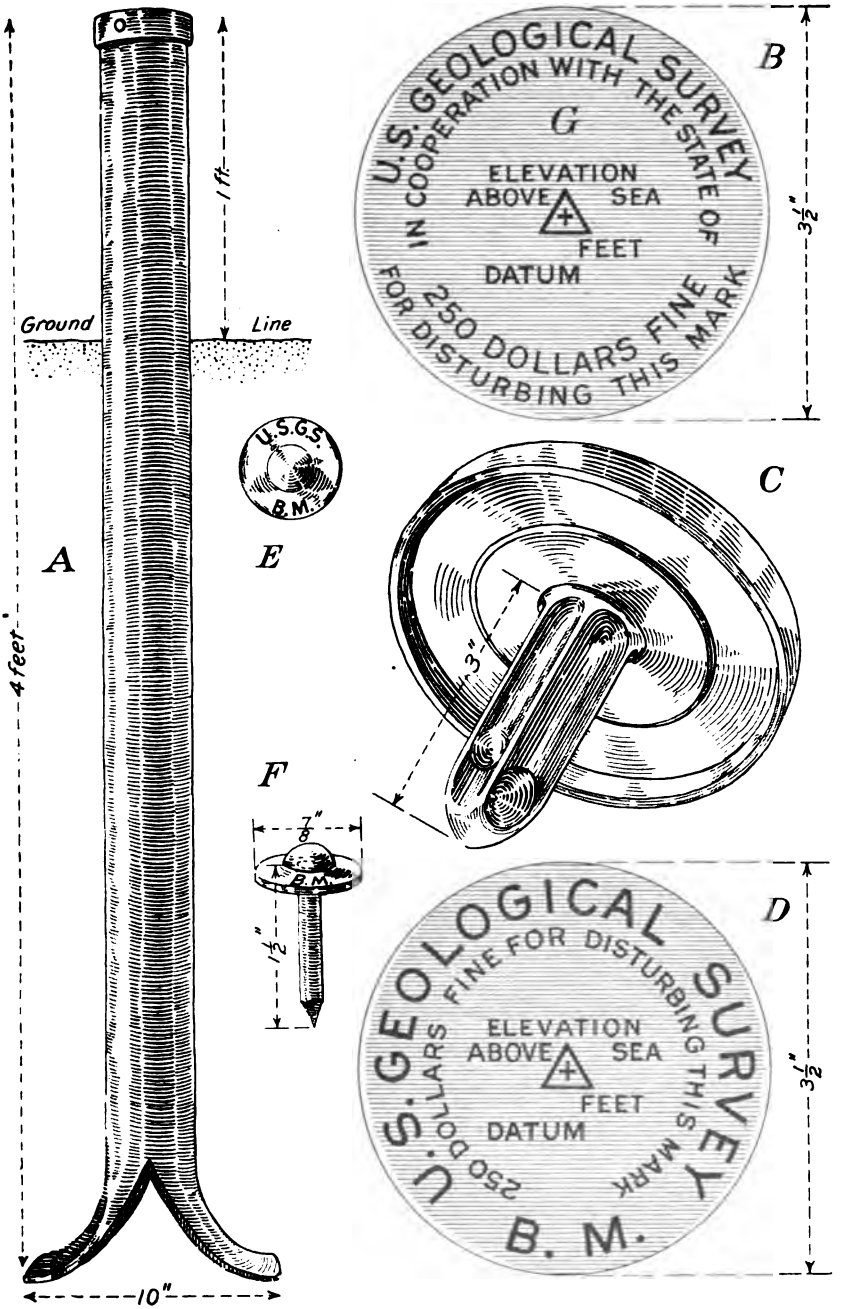

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Table

LENGTHS ON THE MERIDIAN

Latitude Values

At Lat. ° ′	Length of Degree Miles	Length of Degree Feet	One Minute Feet	One Second Feet
38–00	68.968	364,153	6069.2	101.15
38–30	68.974	364,184	6069.7	101.16
39–00	68.980	364,216	6070.3	101.17
39–30	68.986	364,248	6070.8	101.18
40–00	68.992	364,280	6071.3	101.19
40–30	68.998	364,312	6071.9	101.20
41–00	69.004	364,344	6072.4	101.21
41–30	69.011	364,376	6072.9	101.22
42–00	69.017	364,408	6073.5	101.22

One second of latitude=100 feet approximately.

LENGTHS ON THE PARALLELS

Longitude Values

At Lat. ° ′	Length of Degree Miles	Length of Degree Feet	One Minute Feet	One Second Feet
38–00	54.579	288,173	4802.9	80.04
38–10	54.455	287,519	4792.0	79.86
38–20	54.331	286,863	4781.0	79.68
38–30	54.206	286,205	4770.1	79.50
38–40	54.081	285,544	4759.1	79.32
38–50	53.955	284,881	4748.0	79.13
39–00	53.829	284,215	4736.9	78.94
39–10	53.702	283,547	4725.8	78.76
39–20	53.575	282,876	4714.6	78.58
39–30	53.448	282,203	4703.4	78.39
39–40	53.320	281,527	4692.1	78.20
39–50	53.192	280,849	4680.8	78.01
40–00	53.063	280,169	4669.5	77.82
40–10	52.934	279,487	4658.1	77.63
40–20	52.804	278,802	4646.7	77.44
40–30	52.674	278,115	4635.3	77.25
40–40	52.543	277,426	4623.8	77.06
40–50	52.412	276,735	4612.2	76.87
41–00	52.281	276,041	4600.7	76.68
41–10	52.149	275,345	4589.1	76.48
41–20	52.017	274,646	4577.4	76.29
41–30	51.884	273,945	4565.7	76.10
41–40	51.751	273,242	4554.0	75.90
41–50	51.617	272,536	4542.3	75.70
42–00	51.483	271,827	4530.5	75.51

One second of longitude in Ohio= 75 or 80 feet

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16. It is desired now to show, by the *simplest means possible,* how common surveys made for the many purposes already mentioned may be sufficiently checked upon triangulation stations given in Part I. More precise methods will be considered in Volume IV of this Final Report. Meanwhile those charged with making maps of counties, or more extensive surveys and maps, are urged to make a study of more precise methods, as explained in text books on higher surveying and geodesy.

17. The distance between any two adjacent primary triangulation stations is given very accurately in the "log. distance" column of the tables in Part I. Using 5 or 6 place logarithms (for ordinary purposes) the metric distance may be found, and multiplied by 3.280833 feet in one meter to get the distance in feet. *A table for reducing meters to feet* will be found in pocket on back cover. Simpler still, 0.515984 plus "log. distance" in Part I = logarithm of distance in feet. The distance thus found must be increased by a small correction due to elevation above sea. Elevations above sea may be taken from the topographic sheets, or found in Part III.

18. *Sea-level correction* is due to the fact that the land surface of Ohio ranges from 430 to 1550 feet above sea, whereas, all the points in Parts I and II are considered to be dropped vertically down upon the sea surface extended underneath us. These descending lines converge, and this convergence or sea-level correction is nearly enough

$$\textit{sea-level correction} = \frac{lh}{R} \textit{ feet}$$

where l=the distance between stations; h=the mean of their elevations above sea; and R=mean radius of the earth's curvature between the two stations, all expressed in feet. For Ohio, R may be taken as a constant with a logarithm of 7.320429 for all ordinary surveys.

19. The distance between non-adjacent triangulation stations may be computed as the side of a plane triangle, nearly enough for the purpose of checking common surveys covering areas not much larger than a county. *For example:* in Carroll County the distance between Jefferson and Kensington triangulation stations (numbers 59 and 52 on **Map** 1) may be calculated as the side of a plane triangle from the other sides given at the bottom of page 25 under Carrollton station (number 53). Subtracting the azimuth of Kensington from that of Jefferson as measured at Carrollton (see page 25), we have an angle and its two including sides, to find the third side. Calculated from the data just mentioned, using six-place logarithms, we get 111,850 feet, which is within half a foot of the true sea-level distance. The sea-level correction=7.0 feet; the actual distance between monuments is therefore 111,857 feet, within a half-foot. Were the distance measured directly across this rough county by ordinary surveying

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methods, the discrepancy would approximate probably fifty feet. If different land surveys were pieced together, say for compiling tax maps, it would be unusual to get such a twenty-mile distance from them closer than 100 feet.

20. The above method involves simply the solution of a plane oblique triangle. A still simpler method involves only the solution of a right-angled triangle, by using the geographic positions of the points. The latitude and longitude differences reduced to feet, by means of the accompanying table, are the sides of a triangle, of which the hypotenuse is the distance desired. For this simple method see explanation of Part II.

21. All surveys of importance ought to have their *directions referred to true meridian* instead of magnetic. True directions, to the nearest minute, can readily be determined from observations on Polaris at any hour the star is visible, by means of an ordinary surveyor's transit. Or if an engineer's transit (one equipped with vertical circle) is used, true direction may readily be determined from the sun when shining, by a few simple observations and equally simple computations. It is not at all necessary to have a solar compass, or solar attachment, for observations on the sun. The more such true meridians are used hereafter, the more simple and accurate will all succeeding work become, because true directions so readily enable two different surveys to be correlated, even if only one common monument is occupied. Also, long survey lines, run by deflection angles or azimuths, may have their angles independently checked by observing true meridians at convenient intervals, say ten miles or so, and using formula for convergence given in paragraph 23.

22. The directions, referred to true meridians, between all adjacent triangulation stations are recorded in Part I, in the columns headed *azimuth.* An azimuth is simply the angle a line makes with true meridian, measured from the south point in a clock-wise direction. Thus a line whose azimuth is 197° 41′ bears N 17° 41′ E from the true meridian running through the point at which the azimuth was determined. It saves time in field and office to use azimuths.

23. The *back azimuth* of a line is its azimuth determined from its forward end. The back azimuth of a line will not vary 180° from its azimuth, unless the line is due north and south, owing to the convergence of true meridians. Closely enough for ordinary surveys, this *convergence in degrees = m sine of mean latitude,* where m = distance in degeees between the meridians at the mean latitude. For example, the convergence of two meridians 10 miles apart on parallel 40° and bisected by it = (10÷53.063)° sine 40° = 7′ 16″. If these meridians each extend 5 miles north and 5 miles south of the 40th parallel, they are 10 miles times sine 7′ 16″ = 111.8 feet closer together at the north than at the south end.

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24. A number of meridian marks, giving true directions, were set by the U. S. Geological Survey at the beginning of the Cooperative Topographic Survey. These will be found in Part II, and indexed on the title page of Appendix B which contains similar data furnished by the Coast and Geodetic Survey. Also a great number of true bearings, or azimuths, were taken in running primary traverse, and are italicized where printed in Part II for convenience of reference.

25. In Part I have been included the positions of a number of longitude stations determined astronomically, that is, independently of triangulation or traverse. These astronomic stations were located before the Cooperative Topographic Survey began, and are subject to station error, unless connected with and adjusted to triangulation or primary traverse.

Explanation of Part II

26. Map 1 in pocket also shows the primary traverse lines and monuments which furnish the horizontal control in those parts of Ohio where triangulation would be too expensive. Primary traverse is run with transit and chain, like an ordinary survey line by deflection angles, except that the Government surveyors have taken more pains in the chaining and transit work, checking the latter by frequent observations on Polaris. The first primary traverse circuits began and ended on triangulation stations; later circuits began and closed on previous traverse circuits. Primary traverse has not, therefore, the extreme accuracy attainable in triangulation, but the whole system of primary traverse is adjusted to the very accurate belts of triangulation extending across the State, so that the resulting geographic positions in Part II are probably nearly all true within one-tenth of a second (about 10 feet) relative to each other.

27. Distances between adjacent stations are given directly to the nearest foot for many of the lines in Part II. Where the distance between stations is not directly given, the preceding *table of latitude and longitude values* may readily be used to reduce differences in latitude and longitude of two stations to feet. With these figures as base and altitude of a right triangle, solve for the hypotenuse, as in the two examples below. This methods applies to both Parts I and II and is accurate enough for distances not exceeding say 75 miles.

28. *Example* 1. *What is the distance from Columbus to Dayton?* Taking the intersection of Main and Third streets in Dayton at latitude 39° 45′ 34.7″, longitude 84° 11′ 30.3″ (see bottom of page 152), and the center of the State House at Columbus at latitude 39° 57′ 41.1″, longitude 82° 59′ 56.9″ (see page 39), we find the latitude difference to be 0° 12′ 06.4″ (0.2° 0.1′ 0.4″) and the difference in longitude to be 1° 11′ 33.4″

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(1.1° 5.5′ 3.4″). The mean latitude of the two points is nearly enough, 39° 52′ and interpolating with this value, in column one of the preceding table, we find the corresponding latitude values of a degree, minute, and second to be 364,271, 6071.1, and 101.19 feet respectively. Multiplying these values by the latitude difference (using the equivalents in parenthesis for more accuracy) we get 73,501.8 feet as the latitude difference.

*Similarly for the given mean latitude of 39° 52′, the longitude values of a degree, minute, and second are 280,713, 4678.5, and 77.98 feet respectively. Reducing the longitude difference to feet (using equivalents in parenthesis as was done for latitude difference), we get 334,781.2 feet.

$$\sqrt{(73{,}501.8)^2 + (334{,}781.2)^2} = 342{,}755 \text{ feet.}$$

This is the sea-level distance. Assuming the average elevation of the two points to be 770, sea-level correction = 12.6 feet, making 342,767.6 feet as the actual distance, within about 15 feet. The uncertainty is due to the uncertainty in the geographic positions rather than in the method of computing, as will be shown in next paragraph. This 65-mile distance would be hard to measure in the field closer than 100 feet, and hard to scale from the best maps closer than 500 feet.

29. *Example 2. Calculate the distance already found in paragraph 19* between Kensington and Jefferson triangulation stations. The geographic position of Kensington (see page 26) is 40° 43′ 20.61″ and 80° 56′ 39.07″; of Jefferson (see page 60) is 40° 24′ 55.88″ and 80° 57′ 23.13″. The latitude and longitude differences therefor are 18′ 24.73″ and 44.06″ respectively, and the mean latitude of the two stations is 40° 34.13′. By the method of the previous paragraph—using the values from the table for this mean latitude—we compute the sea-level distance to be 111,849.3 feet, which is within a foot of the absolute distance, and very close to the distance computed by previous methods.

Explanation of Part III

30. While triangulation and traverse have fixed positions as explained in foregoing pages, thus constituting horizontal control, precise and primary level circuits have carefully determined elevations above sea of the points shown on **Map 2**—*Blue Map* in pocket—thus constituting *Vertical Control.* Only the more permanent marks are shown on Map 2, whereas thousands of additional points equally useful are described in Part III and appendixes. All elevations in this volume unless otherwise noted are referred to *mean sea level,* which is not the mean of the highest and lowest tides, nor the half sum of the mean of all high tides and the mean of all low tides, but *is the average height of sea, all stages of the tide being considered.* No certain difference in mean level, thus defined, has yet been detected between the Atlantic, Gulf, or Pacific.

* 39° 51.63′, instead of 39° 52′, should have been used in this paragraph as mean latitude from which to get longitude values with sufficient accuracy. See paragraph 29.

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31. As is the case with triangulation, the terms precise, primary, and secondary, are only relative as applied to leveling. **Map 2** shows the location of only the precise and primary level lines or circuits in Ohio. Lines of secondary, or *flying*, levels were run, closing upon the other circuits; these secondary circuits are not shown on the maps, but have given many approximate elevations of cross-roads, hilltops, and water surfaces which are printed on the topographic sheets. Only the results of precise and primary levels are printed in this book; the results of secondary levels are printed on the topographic sheets.

32. All precise and primary leveling has been done with spirit levels, the *error of closure* in precise circuits falling within 0.017 feet times the square root of the circuit length in miles, and that of primary circuits 0.05 feet times the $\sqrt{\text{length}}$ of the circuit in miles. Secondary circuits are not required to close with such accuracy, as they were chiefly for aid in sketching 10 and 20 foot contours, and their results were painted on fences, bridges, etc., for temporary uses. Many have been printed on the topographic sheets at crossroads, hilltops, and water surfaces, as above noted.

33. As the leveling work progressed during the Survey, more and more circuits became available for more accurately distributing the allowable errors, until in 1912 the precise circuits east of the Mississippi were finally adjusted so closely by the U. S. Coast and Geodetic Survey that probably no future leveling will change the elevations printed in Special Publication No. 18 of the Survey just mentioned, to which reference is hereby made.* This bulletin contains much interesting information on the adjustment which is not possible to give here.

34. Therefore the elevations on precise circuits in Ohio, as described in the preceding paragraph, have been adopted by the U. S. Geological Survey and are printed in Part III of this book. They are probably within an inch of absolute elevation above sea-level as determined by the orthometric (versus dynamic) method of computing elevations. The orthometric method (which is the one used in engineering work) was formally adopted for the entire United States by the Superintendent of the Coast and Geodetic Survey in 1910. While the elevations herewith given on precise lines are probably within an inch of absolute elevation above sea, they are determined much more closely with reference to each other, and have been stated to one-thousandth of a foot in the notes presented hereafter.

35. The elevations on primary circuits are based on those of the precise circuits at the outset of the work; but, since not such a high degree of accuracy is exacted for primary circuit closures, and since later primary

*Printed in 1914 and for sale at forty cents by The Superintendent of Documents, Washington, D. C.

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circuits close not upon precise but upon less accurate primary work, elevations on the latter are not always within an inch above absolute sea-level, although relative to each other their elevations are usually within this limit. Many of the earlier bench marks, set on primary circuits, were stamped with the name of the precise mark on which the circuits closed or were based. Thus, "788 Stbnvl" stamped upon a tablet, means the bench mark was set on a circuit closing or based upon an original or precise bench mark at Steubenville; and that at the time the circuit was run, the elevation of the given bench mark was 788 feet above sea so far as known. The final adjustment of 1912 now refers all bench marks to one datum—Mean Sea-level Datum—regardless of what is stamped upon the tablets.

36. In Part III have been included many of the bench marks set by the Army Engineers along the left bank of Ohio River. Although these points lie outside the State, they may be used in checking Ohio work bordering on the River. Only secondary bench marks on the Ohio River line are here given, the main bench marks being buried under ground and referenced to surface marks in such a way that their descriptions are too lengthy to reproduce here. In case of important work access may be had to these under-ground marks by applying to the U. S. Engineer Office, Customhouse, Cincinnati. These points are not referred to the same level surface as that to which the U. S. Coast and Geodetic Survey reduced all precise leveling in 1912, (See Special Publication No. 18), but were found to have a high degree of accuracy by the latter organization. The elevations of secondary bench marks as used by Army Engineers are given in light-face figures in the descriptions; the elevations referred to Mean Sea-level Datum are given in Part III in bold face type.

37. Permanent *bench marks may be identified* by the approximate elevations stamped on them. Ohio bench marks (even those set by the U. S. Geological Survey) could not well be stamped with serial numbers, because levelers were often working in different parts of the State at the same time, during the progress of the work. Therefore, the tablets were stamped with numbers corresponding to their unadjusted elevations above sea at the time they were set. After the field work was done within allowable error, circuit errors were distributed so as to attain still greater accuracy. The elevations, resulting from the local primary and general precise adjustments already mentioned, therefore will often vary a foot or more from the figures stamped on the tablets. *The latter figures merely help to identify the marks in the field*; the proper elevations are those tabulated in columns in Part III following. Should any question arise concerning these bench marks, address The Director, U. S. Geological Survey, Washington, D. C.

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PART I

Primary Triangulation Stations

Arranged by Counties

See Red Map in Pocket

Note: The figures, indicating latitude and longitude of a given point, are themselves the quickest means of finding that point on any map.

Stations not otherwise credited are by the United States Geological Survey.

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TRIANGULATION STATIONS IN OHIO

Islands in Lake Erie

(See also Ottawa and Erie Counties)

MIDDLE SISTER

A station of the United States Lake Survey on west side of Middle Sister Island near western end of Lake Erie, 150 meters north of shore end of the island and 15 meters from the lake shore. Height of station used was 55 feet.

Station mark: A nail leaded into the solid rock, 1 or 2 feet below surface.

Reference marks: Two stone posts, one S. 39° 57′ W., distant 21.9 meters; one N. 33° 49′ E., distant 32.8 meters; and one S. 43° 23′ E., distant 21.9 meters. Height of ground at station above Lake Erie is about 10 feet.

(Latitude 41° 50′ 52.848″, Longitude 83° 00′ 06.948″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Middle Bass Island	313 13 55.72	133 22 30.46	4.3895784
Locust Point	18 29 51.45	198 25 42.77	4.4355823

MIDDLE ISLAND LIGHTHOUSE

A station of the U. S. Lake Survey. Station mark: Center of lighthouse.

(Latitude 41° 41′ 00.02″, Longitude 82° 40′ 47.15″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Kelleys	8 39 18.7	188 38 40.6	3.945182
Middle Bass	99 21 41.7	279 17 24.2	3.957722

ADAMS COUNTY

CAVE HILL

A Coast and Geodetic Survey station on Cave Hill, about 4 miles northwest of West Union, the county seat of Adams County, on land owned by John Drennan. The hill is not so high by 8 feet as Clark Hill, 0.25 mile farther west, but it is clear of trees, and all stations could be seen from it without cutting except Minerva and Ash Ridge, which require lines to be

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opened through trees on Clark Hill. To reach Cave Hill follow the North Liberty pike from West Union about 2.5 miles to the second road north, about 0.5 mile beyond the bridge. Follow this road past the schoolhouse on the slope of Cave Hill and about 0.5 mile farther to the station.

Station mark: Center is marked by a pottery pyramid sunk 3 feet; over this is a draintile pipe 6 inches in diameter, filled with hydraulic-cement concrete, with a spike marking the center.

Reference marks: Four draintile pipes 4 inches in diameter filled with concrete were sunk level with the surface of ground at the following distances and directions; North (true), distant 6.65 feet; south (true), distant 6.70 feet, east (true), distant 6.75 feet; west (true), distant 7.13 feet.

(Latitude 38° 50′ 58.103″, Longitude 83° 35′ 52.857″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Minerva	60 47 44.08	240 35 41.44	4.5043022
Peach Mount	255 56 14.99	76 05 08.08	4.3243321
Cherry Ridge	334 27 55.00	154 32 14.18	4.3659205

Eckmansville Church Spire

Located by the United States Coast and Geodetic Survey.

Station mark: Center of church spire at Eckmansville.

(Latitude 38° 51′ 50.03″, Longitude 83° 38′ 34.63″. No check on this position)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Peach Mount	261 44 27.6	81 55 02.3	4.391358
Cherry Ridge	328 18 35.2	148 24 35.7	4.423271

Peach Mount

A Coast and Geodetic Survey station on the ridge northwest of Mineral Springs and about 2 miles distant by road. It is on land of James Miller a short distance northwest of his house. To reach station from the Mineral Springs railroad station, take the road running to the Springs Hotel, and 0.8 mile before reaching the hotel take road west (old road to Jacktown) to Mr. Miller's house, about 1.25 miles.

Station mark: A pottery pyramid sunk 3 feet, and above this, reaching to the surface of the ground, a section of 6-inch draintile pipe, filled with concrete.

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Reference marks: Four 5-inch draintile pipes, 2 feet long, sunk level with the surface at the following distances and directions: North (true) distant 6.02 feet; south (true), distant 6.085 feet; east (true), distant 6.95 feet; west (true), distant 6.685 feet.

(Latitude 38° 53′ 43.525″; Longitude 83° 21′ 43.441″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Scioto	298 24 44.26	118 36 26.39	4.4876884
Twin Creek	341 54 01.03	161 57 02.59	4.3529044

Twin Creek

A Coast and Geodetic Survey station on the dividing ridge between the headwaters of Upper Twin Creek and Lower Twin Creek, flowing into the Ohio River, and those of Churn Creek, flowing into Brush Creek, and thence into the Scioto. It is on land about 0.5 mile northwest of the house of Wash McGraw, which is on the road along Upper Twin Creek and at the foot of the ridge over which the road passes from Buena Vista to Mineral Springs. In order to reach this house leave the Ohio River turnpike (Portsmouth to Rome) at the bridge over Upper Twin Creek, about 2.5 miles east of Buena Vista, and follow up the creek to McGraw's, 7 miles. The road is rough, but it can be driven over in a wagon.

Signal: An 80-foot scaffold was erected in order to see Scioto and Peach Mount. Cutting to open lines to Scioto was necessary on ridge owned by C. A. Barton, of Portsmouth, about 6 miles from Scioto near Odells Creek.

Station Mark: A pottery pyramid sunk 2.5 feet below surface of ground. Over this was placed a 6-inch draintile pipe filled with concrete as a surface mark.

Reference marks: Four 5-inch draintile pipes sunk in ground at the following distances from the center pipe: North (by compass), distant 7.48 feet; south (by compass), distant 7.12 feet; east (by compass), distant 6.98 feet; west (by compass), distant 7.25 feet.

(Latitude 38° 42′ 08.710″, Longitude 83° 16′ 53.681″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Scioto	251 18 44.51	71 27 23.87	4.3254307
Round Top	328 55 54.36	148 58 34.20	4.0790769

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Unity Church Spire

Located by U. S. Coast and Geodetic Survey. Station mark: Church spire.

(Latitude 38° 53′ 30.09″, Longitude 83° 31′ 18.12″. No check on this position)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Cave Hill	54 44 20.7	234 41 28.3	3.909220
Peach Mount	268 14 12.7	88 20 13.5	4.141629

West Union Children's Home

Located by U. S. Coast and Geodetic Survey. Station mark: Center of cupola.

(Latitude 38° 47′ 42.631″, Longitude 83° 32′ 08.862″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Cave Hill	138 08 39.20	318 06 18.78	3.9082209
Peach Mount	233 31 26.24	53 37 58.53	4.2728575
Cherry Ridge	342 53 47.20	162 55 46.09	4.1937670

West Union Courthouse

Located by U. S. Coast and Geodetic Survey. Station mark: Center of dome.

(Latitude 38° 47′ 42.978″, Longitude 83° 32′ 46.122″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Cave Hill	143 11 41.0	323 09 43.9	3.8760066
Peach Mount	235 06 58.9	55 13 54.5	4.2893215
Cherry Ridge	339 48 25.5	159 50 47.7	4.2019667

ASHTABULA COUNTY

Andover

A station of the United States Lake Survey on the highest point of Owens Mound, in Andover township, 1 mile north of village of West Andover, 2½ miles west of Andover railroad station. Height of station used was 113 feet.

Station mark: A stone post of usual form, 2½ feet below surface, with a stone post set directly over it as a surface mark.

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Reference marks: Three stone posts, one S. 73° 59′ E., distant 32.38 meters; one S. 4° 04′ E., distant 10.56 meters; one S. 75° 07′ W., distant 39 meters from geodetic station. Height of ground at station above mean level of Lake Erie is 308.9 feet.

(Latitude 41° 37′ 05.496″, Longitude 80° 36′ 29.655″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Conneaut	179 06 33.44	359 06 19.49	4.4923125
Edinboro	231 15 53.81	51 33 01.70	4.6593138

Ashtabula Baptist Church

A station of U. S. Lake Survey. Station mark: Center of church spire.

(Latitude 41° 52′ 02.45″, Longitude 80° 47′ 00.61″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Conneaut	256 23 10.7	76 29 57.9	4.160407
Thompson	47 18 21.7	227 07 58.1	4.469080

Conneaut

A station of the United States Lake Survey, situated on South Ridge, in southwest corner of Conneaut Township, about 5 miles southwest of village of Conneaut, 2 miles west of the village of South Ridge, and 3 miles east of the village of Kingsville, on north side of Ridge Road. Height of station used was 115 feet.

Station mark: A stone post of usual form, 2.6 feet below surface.

Reference marks: Three stone posts, one S. 75° 04′ W., distant 29.56 meters; one S. 14° 05′ E., distant 8.1 meters; and one S. 75° 43′ E., distant 33.88 meters, from the geodetic point. Height of ground at station above mean level of Lake Erie is 308.9 feet.

(Latitude 41° 53′ 52.375″, Longitude 80° 36′ 50.605″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Houghton	178 11 18.39	358 10 06.94	4.8845975
Erie	242 43 22.45	63 00 32.46	4.6002852
Edinboro	273 58 20.84	94 15 45.52	4.5583326

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GENEVA

A station of the United States Lake Survey, on the shore of Lake Erie, 4½ miles northwesterly from village of Geneva, 10¾ miles from Ashtabula Harbor, and 16 miles from Fairport, on the farm of Jeremiah Seamens. Observations were made from a wooden post about 5 feet high.

Station mark: A hole drilled in top of a stone post set 3 feet below surface. A stone post is directly over it as a surface reference mark.

Reference marks: Three stone posts, one S. 46° 30′ E., distant 137 meters; one S. 1° 31′ W., distant 96.4 meters; and one S. 48° 15′ W., distant 136 meters, from the geodetic point. The station was 32 meters from the lake and 12 feet above it.

(Latitude 41° 51′ 13.90″, Longitude 80° 59′ 46.10″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Saybrook	252 38 01.6	72 44 36.8	4.155366
Thompson	12 01 31.3	191 59 37.7	4.276877

SAYBROOK*

A station of the United States Lake Survey, on the shore of Lake Erie, about 1½ miles west of Ashtabula Harbor. It is in a small clump of woods between highway and lake. No station erected.

Station mark: A hole drilled in the top of a stone post set 20 inches below surface, with another post set directly over it as surface mark.

Reference marks: Three stone posts, 1 foot above ground, one N. 82° E., distant 76.5 meters; one S. 63° E., distant 19.5 meters; and one S. 51° W., distant 75.8 meters, from geodetic point. In 1876 station was back 42 meters from lake shore, which was a clay bluff rapidly wearing away, so that the station can exist only a few years.

(Latitude 41° 53′ 31.82″, Longitude 80° 49′ 54.04″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Conneaut	267 55 00.2	88 03 43.4	4.256988
Thompson	37 47 42.6	217 39 14.4	4.459007

*This station is no longer available.

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ATHENS COUNTY

Bond

On a flat ridge covered with fruit trees in Carthage township, 7 miles southeast of Guysville. Station is on eastern edge of summit, about 4 feet lower and about 200 feet east of highest point, on land owned by William Bond, who lives 300 yards south.

Station mark: A sandstone post 38 by 9 by 9 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 14′ 17.07″, Longitude 81° 51′ 10.74″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Fulton	106 34 55.98	286 28 31.40	4.1818210
White	129 06 44.67	308 58 43.68	4.3696920
Southland	179 06 54.47	359 06 47.89	4.2068403
Nolan	226 08 49.91	46 14 13.62	4.2298152
Lyons	247 00 38.53	67 02 55.00	3.7495497
Wigal	290 51 25.79	110 58 02.69	4.2074866
Melhorn	335 49 20.01	155 53 06.15	4.3327202

Fulton

A bare hogback ridge in Lodi township, 7 miles southeast of Athens. Land owned by William Fulton.

Station mark: A sandstone post 36 by 12 by 12 inches, dressed 8 inches square on top, set 34 inches in the ground; in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 16′ 37.29″, Longitude 82° 01′ 18.47″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Townsend (2)	103 28 43.53	283 25 56.81	3.8121631
White	160 49 23.38	340 47 47.32	4.0432222
Southland	230 29 38.61	50 35 57.22	4.2678598
Bond	286 28 31.40	106 34 55.98	4.1818210

Lyons

A bald hill in Troy township, 1 mile north of Latrobe postoffice (Coolville station). Land owned by Eli Lyons, who lives 200 yards southeast of station. A good view in nearly all directions excepting northward, which is limited to 2 miles.

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Station mark: A marble post 30 by 6 by 6 inches set 28 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 15′ 28.16″, Longitude 81° 47′ 35.04″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Bond	67 02 55.00	247 00 38.53	3.7495497
Nolan	216 30 09.55	36 33 16.71	4.0753794
Wigal	308 45 37.51	128 49 58.11	4.1032825
Melhorn	350 53 46.66	170 55 16.63	4.3354363

NEBO

A small knob, in Dover township, 6 miles by road north of Athens, owned by the Hibbard heirs. Summit covered with a peach orchard (trees mostly dead). A fine view can be had in all directions excepting eastward. The station was selected and occupied by the United States Coast and Geodetic Survey in 1881.

Station mark: A marble post 30 by 6 by 6 inches set 30 inches in the ground over a square earthen pyramid 5 inches high. Top of post is marked,

U.	S.
C. &	G. S.

(Latitude 39° 24′ 29.53″, Longitude 82° 05′ 13.90″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Townsend (2)	2 55 47.28	182 55 29.61	4.1162949
McDaniel	83 24 56.70	263 16 04.46	4.3054151
Brooks	124 00 23.75	303 54 52.42	4.1770814
White	334 05 08.78	154 06 01.99	3.6620298

SOUTHLAND

On a flat cultivated ridge owned by W. A. Wagoner, 2 miles northeast of Broadwell postoffice, in eastern central part of the county, one-fourth mile west of the Washington County line.

Station mark: A sandstone post 44 by 8 by 8 inches set 40 inches in the ground, just south of fence about 60 yards east of brick house and on opposite side of road. In center of top of post is cemented a bronze triangulation tablet, "Ohio."

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(Latitude 39° 22′ 59.09″, Longitude 81° 51′ 21.13″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Fulton	50 35 57.22	230 29 38.61	4.2678598
White	85 47 06.32	265 39 11.18	4.2546960
Nolan	289 09 05.68	109 14 36.48	4.1212888
Bond	359 06 47.89	179 06 54.47	4.2068403

TOWNSEND (2)

In Athens township, 3 miles by road south of Athens, on a flat cultivated ridge owned by Mary Townsend. Station about 50 yards east of a north and south road and 32 feet west of line fence.

Station mark: A limestone post 30 by 6 by 6 inches set 28 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 17′ 26.25″, Longitude 82° 05′ 41.78″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
McKnight	29 45 53.05	209 42 32.43	4.1858081
Zaleski	81 38 31.23	261 26 53.85	4.4264864
McDaniel	118 57 19.04	298 48 45.11	4.3458525
Nebo	182 55 29.61	2 55 47.28	4.1162949
White	196 40 59.96	16 42 10.77	3.9691971
Fulton	283 25 56.81	103 28 43.53	3.8121631
Greenler	359 42 36.35	179 42 39.02	4.3021055

WHITE

On a small knob 4 miles northeast of Athens, near the corner of Athens, Canaan, Ames, and Dover townships. The station is in Canaan township, on land owned by D. C. White, 5.5 feet east of the southeast corner of a private cemetery, which occupies the summit of knob.

Station mark: A sandstone post 36 by 14 by 7 inches set 34 inches in the ground. In center of top is cemented a bronze triangulation tablet, "Ohio."

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(Latitude 39° 22′ 15.58″, Longitude 82° 03′ 50.06″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Townsend (2)	16 42 10.77	196 40 59.96	3.9691971
McDaniel	94 42 43.35	274 32 58.10	4.3453947
Nebo	154 06 01.99	334 05 08.78	3.6620298
Southland	265 39 11.18	85 47 06.32	4.2546960
Bond	308 58 43.68	129 06 44.67	4.3696920
Fulton	340 47 47.32	160 49 23.38	4.0432222

BELMONT COUNTY

Barnesville Schoolhouse (Not occupied.)

High school in Barnesville. Station mark: Center of cupola.

(Latitude 39° 59′ 21.42″, Longitude 81° 10′ 45.33″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Steele	80 40 36.44	260 38 36.77	3.6510482
Newcastle	322 02 20.19	142 06 20.66	4.1604334

Bryan

Situated on a high, partially cleared hill in Goshen township, about 2 miles north of Hunter postoffice and 4 miles a little east of south of Bethesda. Land owned by Mr. Patterson.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

Reference mark: The tall dead signal tree on highest part of hill. Distance from station mark, 6 feet; true azimuth 355° 13′.

(Latitude 39° 58′ 27.33″, Longitude 81° 03′ 23.94″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Newcastle	9 15 31.48	189 14 48.57	3 9944416
Steele	93 39 27.39	273 33 44.12	4.1738583
Gallaway	240 30 53.44	60 34 11.06	3.9231502
Beallsville	335 13 05.87	155 16 01.67	4.1914760

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CENTENNIAL

(Secondary Station.)

Situated 2½ miles northwest of the city of Bellaire, on land owned by William Nichol.

Station mark: A lone pine tree on highest point of hill.

(Latitude 40° 02′ 19.01″, Longitude 80° 46′ 27.91″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Myers	31 55 37.0	211 54 17.4	3.7445933
Sherrard	304 01 30.3	124 04 47.5	3.9432353

CLARKS HILL

Situated 1 mile east of Bannock station, south of the Cleveland, Lorain, and Wheeling Railway (B. & O.), on the summit of a hill owned by the heirs of Mr. Samuel Clark.

Station mark: A cut marble post 6 by 6 inches on top and extending to 6 by 12 inches at bottom. It is 24 inches long, sunk 25 inches in the ground, and set in cement. In the center of the top is cemented a bronze triangular tablet, "Ohio."

(Latitude 40° 06′ 18.28″, Longitude 80° 57′ 45.02″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Gallaway	4 07 10.89	184 06 50.55	4.0183310
Cadiz	170 13 03.93	350 11 27.43	4.3177623
Mount Pleasant	257 20 13.51	77 26 58.01	4.1827579

FLUSHING

(Not occupied.)

Station mark: Center of cupola on Dr. Burraclough's house in Flushing.

(Latitude 40° 08′ 58.90″, Longitude 81° 03′ 50.24″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sewellsville	65 25 32.21	245 19 39.26	4.1542888
Prospect Hill	126 53 21.86	306 47 57.45	4.1720159

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GALLAWAY

Situated 4 miles southeast of Belmont and 2 miles south of Lewis Mills, on the summit of bare hill owned by Mr. Gallaway.

Station mark: A cut marble post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 00′ 40.94″. Longitude 80° 58′ 16.52″.)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Beallsville	2 29 55.83	182 29 34.33	4.2612655
Clarks Hill	184 06 50.55	4 07 10.89	4.0183311
Mount Pleasant	228 38 05 78	48 45 10.24	4.3180322
Myers	276 53 33.03	96 59 49.03	4.1453970
Jacobsburg	299 35 16.63	119 38 37.92	3.9318086
Newcastle	32 41 30.82	212 37 30.44	4.2166459
Bryan	60 34 11.06	240 30 53.45	3.9231502

JACOBSBURG

Situated on the top of Mr. Robert C. McKelvey's house. Signal was placed on roof within railing. The center comes at edge of second layer of tin from south railing and in center of cupola east and west.

(Latitude 39° 58′ 24.01″, Longitude 80° 53′ 03.37″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Beallsville	30 28 36.52	210 24 54.13	4.2108474
Gallaway	119 38 37.92	299 35 16.63	3.9318086
Myers	248 31 07.18	68 34 01.77	3.8405264

MOUNT PLEASANT

Situated near Morningview postoffice, on the north end of a bare hill on the west side of the Wheeling and Mount Pleasant pike, on land owned by Mr. Goff.

Station mark: A cut marble post 40 by 6 by 6 inches set 30 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

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(Latitude 40° 08′ 06.07″, Longitude 80° 47′ 16.28″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Myers	6 32 00.56	186 31 12.65	4.1908702
Gallaway	48 45 10.24	228 38 05.78	4.3180322
St. Clairsville	58 03 07.29	237 58 45.00	4.0555471
Clarks Hill	77 26 58.01	257 20 13.51	4.1827579
Cadiz Court-house	130 39 47.88	210 31 40.34	4.3715300
Cadiz	133 05 59.66	312 57 37.85	4.4004381
Hopedale	165 20 26.93	345 17 50.68	4.3534510
New Alexandria	207 17 14.17	27 21 07.51	4.2700856
Independence	238 17 59.54	58 27 33.56	4.3938130
West Liberty	252 09 09.19	72 16 23.96	4.2241846
Sherrard	331 35 42.42	151 39 31.51	4.2492017

Myers

Situated 4 miles southwest of the city of Bellaire, on a cleared knob on land owned by Mr. P. B. Myers.

Station mark: A cut marble post 48 by 6 by 6 inches set 40 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 59′ 46.16″, Longitude 80° 48′ 31.67″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Beallsville	41 39 03.80	221 32 26.97	4.3447990
Jacobsburg	68 34 01.77	248 31 07.18	3.8405264
Gallaway	96 59 49.03	276 53 33.03	4.1453970
Mount Pleasant	186 31 12.65	6 32 00.56	4.1908702
Centennial	211 54 17.38	31 55 36.99	3.7445900
Clinton	224 11 47.70	44 17 52.97	4.2850900
Sherrard	271 04 45.82	91 09 22.42	4.0090858
Riggs	344 41 46.06	164 43 47.81	4.2327314

Newcastle

Situated on a high, cleared hill in Wayne township, about one-half mile southeast of the village of Newcastle. Land owned by Benjamin Pitman.

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Station mark: A stone post 30 by 6 by 6 inches set 30 inches in the ground on solid rock, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

Reference mark: The tall poplar signal tree; distance from station mark, 8.15 feet; true azimuth 67° 49′.

(Latitude 39° 53′ 11.37″, Longitude 81° 04′ 30.75″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Wiedman	61 08 38.37	241 04 21.24	4.0370559
Steele	128 47 53.71	308 41 53.72	4.2323159
Bryan	189 14 48.57	9 15 31.48	3.9944416
Gallaway	212 37 30.44	32 41 30.82	4.2166459
Beallsville	298 18 11.29	118 21 49.78	3.9639688

Sewellsville

Situated on the summit of a high, sharp hill in the village of Sewellsville, Kirkwood township. Land owned by J. R. Shepherd.

Station mark: A stone post 40 by 6 by 6 inches, set 36 inches in the ground, in the center of the top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 05′ 46.19″, Longitude 81° 12′ 57.88″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Steele	5 46 28.38	185 45 53.85	4.1023371
Warehime	43 11 35.43	223 05 20.85	4.3052324
McBride	112 07 52.73	292 03 17.71	4.0377941
Tippecanoe	167 35 37.71	347 33 48.12	4.2714644
Prospect Hill	184 05 36.80	4 06 05.81	4.1729676
Deersville	186 18 29.97	6 19 40.88	4.3730446
Cadiz	219 59 50.71	40 08 03.66	4.4482271

Steele

Situated on a high, cleared hill in Warren township, about 3 miles west of Barnesville and a few feet east of the Guernsey county line. Land owned by Isaac Steele.

Station mark: A stone post 36 by 6 by 6 inches set 30 inches in the

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ground and resting on solid rock. In center of top of post is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 58′ 57.84″, Longitude 81° 13′ 51.50″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Calland	21 39 25.88	201 35 53.45	4.3293954
Tucker	46 59 57.57	226 53 52.54	4.2667725
Warehime	80 21 27.72	260 15 48.06	4.1047692
McBride	152 07 18.16	332 03 18.01	4.2763262
Sewellsville	185 45 53.85	5 46 28.38	4.1023371
Bryan	273 33 44.12	93 40 27.39	4.1738583
Beallsville	305 01 44.45	125 11 13.00	4.4179181
Newcastle	308 41 53.72	128 47 53.71	4.2323159
Wiedman	346 36 44.38	166 38 26.80	4.2146469

ST. CLAIRSVILLE COURT HOUSE

(Not occupied.)

Station mark: Center of cupola on court house.

(Latitude 40° 04′ 50.90″, Longitude 80° 54′ 04.27″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Mount Pleasant	237 58 45.00	58 03 07.29	4.0555471
Sherrard	297 53 05.27	118 01 16.04	4.3112543

BROWN COUNTY

ASH RIDGE

A Coast and Geodetic Survey station situated about 1 mile north of the small village of Carlisle (Ash Ridge post office), on land of Dr. Evans, of Georgetown, Ohio. It is on a rise of ground clear of trees, nearly northwest from the church on the turnpike of Carlisle, and less than 0.25 mile distant. The nearest railroad station is Macon on the Norfolk & Western Ry., 3 miles north, which has telegraph and express service.

Station mark: Center is a glass bottle filled with cement, sunk 3 feet below surface of ground, over which is placed a 6-inch draintile pipe 2 feet long and filled with hydraulic-cement concrete, and reaching to the surface.

Reference marks: Four 4-inch draintile pipe sections, each 2 feet long and filled with concrete, are sunk nearly level with the surface of the

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ground, at the following distances and directions: North (true), distant 6.03 feet; south (true), distant 6.02 feet; east (true), distant 6.21 feet; west (true), distant 5.94 feet.

The bearings in azimuth of surrounding points are Carlisle church 327° 10′ Carlisle schoolhouse 309° 33′, John Schwallies's house 226° 06′, James M. Parker's house 153°, Russellville spire 25° 41′ 43″.

(Latitude 38° 55′ 13.430″, Longitude 83° 45′ 22.093″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Peach Mount	274 30 47.22	94 45 38.23	4.5352201
Cherry Ridge	320 27 37.25	140 37 53.24	4.5722181

GEORGETOWN COURTHOUSE

Located by the Coast and Geodetic Survey. Station mark: Center of dome.

(Latitude 38° 51′ 56.326″, Longitude 83° 54′ 14.766″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Minerva	4 06 52.91	184 06 20.41	4.2423524
Flaugher	62 33 20.02	242 20 54.23	4.5104910
Ash Ridge	244 37 03.53	64 42 37.97	4.1523932

CARROLL COUNTY

CARROLLTON

Situated 2½ miles east of the town of Carrollton, on the Scroggsfield road, on land owned by Mr. Campbell.

Station mark: A cut marble post 40 by 6 by 6 inches set 30 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 34′ 35.51″, Longitude 81° 01′ 47.82″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Kensington	204 06 05.89	24 09 27.05	4.2491471
Elders	262 50 29.70	82 57 51.91	4.2070630
Jefferson	340 45 32.78	160 48 24.64	4.2772402

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Kensington

Situated 1 mile south of Kensington on the highest point of a wooded hill. A county road passes over the south side of the hill.

Theodolite elevated 60 feet.

Station mark: A cut marble post 48 by 6 by 6 inches, sunk 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 43′ 20.61″, Longitude 80° 56′ 39.07″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Carrollton	24 09 27.05	204 06 05.89	4.2491471
Hammond	283 34 21.24	103 44 59.61	4.3739205
Elders	328 26 39.02	148 30 40 69	4.2218375

Perryville

(Not occupied.)

Station mark: Center of church spire.

(Latitude 40° 27′ 54 90″, Longitude 81° 05′ 53.49″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Jefferson	294 32 31.88	114 38 03.15	4.1217691
Cadiz	337 39 22.36	157 43 02.21	4.3238587

CLERMONT COUNTY

Felicity Town Hall

Located by Coast and Geodetic Survey. Station mark: Center of cupola.

(Latitude 38° 50′ 25.130″, Longitude 84° 05′ 48.208″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Flaugher	44 37 02.79	224 31 51.58	4.2326288
Tate	163 56 08.62	343 54 44.92	4.0645943
Minerva	313 17 07.88	133 23 49.66	4.3282657

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TATE

A Coast and Geodetic Survey station on the boundary fence separating the land of J. Hibbets on the north from that of Salt on the south, 0.5 mile east of the Tate-Monroe township line and 1.25 miles north of Saltair, a small hamlet of three or four houses at the crossroads, with post office.

Station mark: A pottery pyramid sunk 3 feet below surface of the ground. Over this is placed a section of sewer pipe 2 feet long and 6 inches in diameter, filled with hydraulic-cement concrete, and reaching to the surface of the ground. The station center is marked by a 4-inch iron spike in the concrete.

Reference marks: Four draintile pipes 4 inches in diameter filled with concrete and placed at the following distances and directions: North (true), distant 6.05 feet; south (true), distant 6.01 feet; east (true), distant 6.09 feet; west (true), distant 6 feet.

(Latitude 38° 56′ 26.711″, Longitude 84° 08′ 01.532″)

To Station--	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Ash Ridge	273 49 44.66	94 03 58.90	4.5161741
Minerva	323 58 19.89	144 06 25.69	4.5028566

	Distance	Azimuth
	Miles	° ′ ″
Felicity town hall	8.0	21 11.53
E. Frazer's white wood cottage, east gable	0.5	35 12.30
Salt's brick house, west gable	0.3	41 10
John Tatman's house, east gable	0.5	106 35
Chimney of J. Hibbet's house	0.25	214 40
Williamsburg white spire	8	264 51.22
Bethel Baptist Church spire	4	280 50.30
Saltair village	1 2	62 25

COLUMBIANA COUNTY

EAST LIVERPOOL CHAPEL

(Not occupied.)

Memorial Chapel in the cemetery at East Liverpool, Ohio.

Station mark: Cap on monument of soldier.

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(Latitude 40° 38′ 15.62″, Longitude 80° 34′ 22.70″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Hammond	114 30 16.57	294 26 23.76	3.96492
Allison	353 41 30.73	173 41 45.23	3.67712

HAMMOND

Situated 2 miles east of the village of Glasgow on the highest point of a knob, known locally as Hammonds Knob.

Station mark: A cut marble post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 40′ 19.50″, Longitude 80° 40′ 20.06″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Wintersville	9 29 54.97	189 27 36.41	4.4836287
Elders	58 57 24.93	238 50 48.93	4.2224370
Kensington	103 44 59.61	283 34 21.24	4.3739205
Allison	313 44 30.76	133 48 37.93	4.0918031

COSHOCTON COUNTY

WIDDER

On land owned by Mr. Charles Widder, 2½ miles nearly south of Newcomerstown, 50 feet west of north and south road, 1½ miles west of Baptist church, and 600 feet southwest of White schoolhouse.

Station mark: A sandstone post 36 by 6 by 6 inches set 36 inches in the ground, in center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 14′ 09.67″, Longitude 81° 36′ 54.11″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Kennedy	32 21 19.42	212 17 49.89	4.1574000
Wasen	184 22 07.82	4 22 43.79	4.2359074
Stone Creek	198 41 15.69	18 43 44.26	4.2281117
Port Washington	226 23 39.00	46 27 45.00	4.0942600
Gilmore	245 08 36.06	65 15 18.37	4.2095562
Booth	283 15 05.76	103 17 39.33	3.7615799
Midway	337 39 01.10	157 42 44.98	4.3353514

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CUYAHOGA COUNTY

Berea Methodist Episcopal Church

A station of United States Lake Survey.
Station mark: Center of church spire.

(Latitude 41° 21′ 46.50″, Longitude 81° 51′ 11.57″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Royalton	293 15 04.0	113 19 42.6	4.028457
Olmsted	103 13 56.1	283 09 51.2	3.946640

Berea Chapel Spire

A station of the United States Lake Survey.
Station mark: Center of chapel spire.

(Latitude 41° 22′ 05.83″, Longitude 81° 51′ 05.37″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Olmsted	99 16 00.2	279 11 51.2	3.947866
Royalton	296 27 48.1	116 32 22.6	4.033311

Cleveland, Polish Catholic Church

A station of the United States Lake Survey.

Station marks: East spire of Polish Catholic Church, Foreman and Tod streets; west spire of Polish Catholic Church, Foreman and Tod streets.

(Latitude, east spire 41° 27′ 31.45″, west spire 41° 27′ 31.46″, Longitude, east spire 81° 38′ 40.08″, west spire 81° 38′ 40.78″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
	East spire		
New England Building	141 17 44.2	321 15 59.0	3.7703566
Warrensville	259 55 47.9	80 01 24.4	4.0782298
	West spire		
New England Building	141 25 07.4	321 23 22.6	3.7695984
Warrensville	259 56 38.5	80 02 15.5	4.0788111

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Cleveland, Bohemian Catholic Church

A station of U.S. Lake Survey. Station mark: Church spire. (Broadway and Forrest Streets.)

(Latitude 41° 28′ 44.26″, Longitude 81° 39′ 49.48″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
New England Building	138 34 47.0	318 33 47.7	3.4964857
Warrensville	270 38 24.6	90 44 47.1	4.1271217

Cleveland, St. Peters Catholic Church

A station of U. S. Lake Survey. Station mark: Center of spire.

(Latitude 41° 30′ 20.15″, Longitude 81° 40′ 52.99″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
New England Building	44 49 25.7	224 49 08.5	2.93189
Marine Hospital (2)	97 03 32.5	277 03 10.3	2.89406

Cleveland, Church at Superior and Erie Streets

A station of U. S. Lake Survey. Station mark: Center of spire.

(Latitude 41° 30′ 22.51″, Longitude 81° 41′ 19.89″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
New England Building	358 10 35.2	178 10 35.8	2.83207
Marine Hospital (2)	98 45 06.0	278 45 01.6	2.19105

Cleveland Lighthouse

A station of U. S. Lake Survey. Station mark: Center of lighthouse on hill in city.

(Latitude 41° 30′ 01.40″, Longitude 81° 42′ 08.68″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Rockport	60 49 05.5	240 45 31.7	3.933383
Willoughby	228 24 22.2	48 34 48.7	4.465275

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CLEVELAND, ALMUCANTAR CASE SCHOOL OBSERVATORY

A station of U. S. Lake Survey. Station mark: Center of observatory.

(Latitude 41° 30′ 10.36″, Longitude 81° 36′ 27.60″)

EUCLID

A station of the United States Lake Survey, situated 2 miles northwest of the village of Euclid, about 350 meters back from Lake Erie shore and 100 meters west of a north-south road leading to the lake.

Station mark: A single stone post.

Reference marks: Two stone posts, one N. 64° 55′ E., distant 318 feet, and one S. 89° 55′ E., distant 293 feet.

(Latitude 41° 35′ 37.09″, Longitude 81° 33′ 04.27″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Rockport	54 11 53.8	234 02 18.9	4.394662
Willoughby	225 45 49.6	45 50 15.0	4.110432

NORTH ROYALTON METHODIST EPISCOPAL CHURCH

A station of U. S. Lake Survey. Station mark: Center of spire.

(Latitude 41° 19′ 28.95″, Longitude 81° 44′ 09.55″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Olmsted	108 50 50.08	288 42 07.2	4.289109
Royalton	168 14 04.8	348 14 04.6	1.349

NORTH ROYALTON BAPTIST CHURCH

A station of the United States Lake Survey. Station mark: Center of spire.

(Latitude 41° 18′ 53.33″, Longitude 81° 44′ 09.83″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Olmsted	111 51 32.6	291 41 49.2	4.297426
Royalton	180 06 03.6	00 06 03.6	3.049525

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Olmsted

A station of the United States Lake Survey, in section 13, Olmsted township, about 2 miles west of the village of Olmsted Falls, and one-third mile south of the corner of sections 8, 14, and 13. Height of station used was 119 feet.

Station mark: A stone post of usual form 2.3 feet below surface, with a stone post directly over it as a surface mark.

Reference marks: Three stone posts, one N. 8° 10′ W., distant 90.9 meters; one S. 80° 26′ E., distant 67.7 meters; and one S. 13° 07′ W., distant 71.7 meters, from geodetic point. The height of ground at station above mean level of Lake Erie is 221.5 feet.

(Latitude 41° 22′ 51.955″, Longitude 81° 57′ 22.065″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Rockport	236 29 37.43	56 36 08.22	4.2158948
Warrensville	254 03 20.27	74 21 18.60	4.5947770
Royalton	288 38 43.19	108 47 26.67	4.2888551

Rockport

A station of the United States Lake Survey in section 19, Rockport township, 6 miles nearly west from Cleveland, one-half mile northwest of the village of Rockport, one-fourth mile northwest of the Lake Shore & Michigan Southern Ry. Intersection of Lake Shore & Michigan Southern and Rocky River railroads is 2,004.11 meters north and 3,124.98 meters east from station. Height of station used was 95 feet.

Station mark: A stone post of usual form 27 inches below surface.

Reference marks: Three stone posts, one S. 52° 32′ W., distant 364.1 meters; one N. 19° 19′ W., distant 22.7 meters; and one N. 59° 47′ E., distant 194.3 meters, from geodetic point. Height of ground at station above mean level of Lake Erie is 208.5 feet.

(Latitude 41° 27′ 45.704″, Longitude 81° 47′ 31.393″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Willoughby	231 09 22.61	51 23 22.98	4.5753660
Warrensville	266 00 15.29	86 11 43.63	4.3833783

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ROYALTON

A station of the United States Lake Survey in section 12, Royalton township, one-half mile north of the village of Royalton on the east side of a north-south highway. Height of station used was 35 feet.

Station mark: A hole drilled in the top of a stone post 28 inches underground, a stone post being placed directly over it as a surface mark. Height of ground above Lake Erie is 699.1 feet.

Reference marks: Three stone posts, one N. 4° 14′ W., distant 50.6 meters; one N. 80° 57′E., distant 73.2 meters; one S. 35° 28′ W., distant 41.4 meters, from the geodetic point. The northwest corner of a church with a stone foundation is S. 11° 57′ E., distant 17.7 meters.

(Latitude 41° 19′ 29.658″, Longitude 81° 44′ 09.746″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Rockport	162 59 51.87	342 57 38.53	4.2042289
Warrensville	228 52 21.20	49 01 35.25	4.4117195

WARRENSVILLE

A station of the United States Lake Survey, in Warrensville township, about 3 miles northeast of Randall station on the Erie Railroad. Height of station used was 92 feet.

Station mark: A stone post of usual form, set 20 inches underground.

Reference marks: Three stone posts, one S. 73° 46′ E., distant 56.7 meters; one S. 89° 13′W., distant 75.5 meters; and one N. 55° 54′ E., distant 66.4 meters, from the geodetic point. Height of ground at station above mean level of Lake Erie is 641.5 feet.

(Latitude 41° 28′ 39.006″, Longitude 81° 30′ 11.962″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Willoughby	193 29 42.56	13 32 13.27	4.3524100
Chester	243 07 28.26	63 13 23.25	4.1436933

DARKE COUNTY

BOUNDARY POST ON INDIANA-OHIO STATE LINE

(Randolph County, Indiana.)

Station mark: Indiana-Ohio State-line post near Union City, Ind.

(Latitude 40° 11′ 51.84″, Longitude 84° 48′ 24.41″. Astronomic value)

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ERIE COUNTY

Cedar Point Lighthouse

A station of the U. S. Lake Survey. Station mark: Center of lighthouse.

(Latitude 41° 29′ 17.18″, Longitude 82° 41′ 36.54″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sandusky	28 39 29.2	208 37 13.2	3.997656
Kelleys	179 11 32.7	359 11 27.5	4.112967

Huron Lighthouse

A station of the U. S. Lake Survey. Station mark: Center of lighthouse.

(Latitude 41° 24′ 02.85″, Longitude 82° 32′ 50.24″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Kelleys	151 23 18.6	331 17 24.6	4.412152
Brownhelm	273 51 00.7	94 00 30.9	4.302786

Huron Presbyterian Church Spire

A station of the U. S. Lake Survey. Station mark: Center of spire.

(Latitude 41° 23′ 42.33″, Longitude 82° 33′ 20.15″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brownhelm	271 58 16.5	92 08 06.5	4.316866
Townsend	337 41 41.3	157 44 43.2	4.203348

Kelleys Island

A station of the United State Lake Survey, somewhat north and east of Kelleys Island, in an open piece of woods, about 670 meters south of bay, 243 meters south of east-west road, 1,080 meters east of road north from landing on south side of island. Height of station used was 76 feet.

Station mark: A brass wire leaded into the solid rock between the

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letters "U. S." cut into the rock, 16½ inches below the surface. A stone post is set for a surface reference mark directly over it.

Reference marks: Three stone posts, one N. 20° 07′ E., distant 32.7 meters; one S. 31° 32′ E., distant 30.3 meters; and one N. 87° 11′ W., distant 45.9 meters. Height of ground at station above mean level of Lake Erie is 41.1 feet.

(Latitude 41° 36′ 17.571″, Longitude 82° 41′ 44.430″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brownhelm	306 27 17.62	126 42 42.94	4.6057407
Townsend	334 55 59.60	155 04 25.61	4.6233951
East Base	344 15 44.26	164 18 10.52	4.2760813
West Base	355 22 25.44	175 22 56.51	4.1296298
Sandusky	328 58 10.76	149 01 41.03	4.1555642

Marblehead Lighthouse

A station of the U. S. Lake Survey. Station mark: Center of lighthouse.

(Latitude 41° 32′ 10.75″, Longitude 82° 42′ 42.56″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sandusky, East Base	328 29 57.5	148 33 01.3	4.092897
Sandusky	12 56 32.4	192 55 00.1	4.159885

Sandusky

A station of the United States Lake Survey about 3½ miles southwest of Sandusky, near eastern border of Margaretta township, 1¾ miles south of corner of Perkins and Portland townships. Height of station was 115 feet.

Station mark: A brass wire leaded into the solid rock, between the letters "U. S." cut in the rock, about 3 feet below surface. A stone post is set directly over this as a surface mark.

Reference marks: Three stone posts, one N. 3° 34′ W., distant 69 meters; one S. 69° 12′ E., distant 50.4 meters; and one S. 71° 40′ W., distant 43.3 meters. Sandusky courthouse is N. 33° 37′ E., distant 5,907 meters. Height of ground at station above mean level of Lake Erie is 59.3 feet.

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(Latitude 41° 24′ 34.219″, Longitude 82° 45′ 01.905″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
East base	250 01 30.77	70 06 07.41	4.0139954
Brownhelm	273 28 31.78	93 46 05.90	4.5694097
Townsend	306 07 18.33	126 17 54.79	4.4429095

Sandusky, Courthouse

A station of the U. S. Lake Survey. Station mark: Center of cupola.

(Latitude 41° 27′ 13.64″, Longitude 82° 42′ 41.05″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sandusky, East Base	282 13 08.7	102 16 12.2	3.818583
Sandusky	33 38 11.2	213 36 38.0	3.771312

Sandusky, East Base

A station of the United States Lake Survey. This station, marking the southeast end of the Sandusky base line, is situated on the northeast side of Cedar Point, northeasterly from Sandusky, 4½ miles from the Cedar Point light, and 32 meters back from the lake shore. Height of station used was 65 feet.

Station mark: A stone post of the usual form set in a bed of brickwork 3 feet square and about 3 feet deep.

Reference marks: Three stone posts, one bearing S. 13° 52′ E., distant 29.87 meters; one S. 69° 36′ W., distant 24.78 meters; and one N. 50° 57′ W., distant 47.7 meters, from geodetic point. Height of ground at station above mean level of Lake Erie is 5.8 feet.

(Latitude 41° 26′ 28.366″, Longitude 82° 38′ 03.803″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Elyria	273 51 37.75	94 11 02.70	4.6125925
Brownhelm	282 00 47.53	102 13 45 39	4.4461107
Townsend	327 30 53.62	147 36 53.04	4.3725430
East angle	137 23 44.40	317 23 01 91	3 3347585

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Sandusky West Base

A station of the United States Lake Survey. This station, marking the northwest end of the Sandusky base line, is situated on the northeast side of Cedar Point, about 40 meters from the lake shore and 1,016 meters from the lighthouse at the end of Cedar Point. Height of station used was 70 feet.

Station mark: A stone post of usual form, set in a bed of brick-work 3 feet square and 4 feet deep.

Reference marks: Three stone posts, one S. 8° 02′ E., distant 26.3 meters; one S. 55° 11′W., distant 19.5 meters; and one N. 64° 21′W., distant 38.8 meters. An azimuth post line to East Base is S. 40° 23′E., distant 46.91 meters, from geodetic point. Height of ground at station above mean level of Lake Erie is 6.6 feet.

(Latitude 41° 29′ 02.111″, Longitude 82° 40′ 57.571″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sandusky	34 28 59.88	214 26 18.15	4.0010200
Elyria	279 27 03.54	99 48 24.02	4.6584185
Brownhelm	288 34 45.11	108 49 38.30	4.5195943
East base	319 36 42.87	139 38 37.93	3.7941893
Townsend	325 50 28.53	145 58 22 96	4.4736216

Vermilion, German Lutheran Church

A station of the United States Lake Survey.

Station mark: Center of church spire.

(Latitude 41° 25′ 12.50″, Longitude 82° 21′ 58.54″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sandusky east base	96 03 02 7	275 52 23 9	4.352840
Brownhelm	305 44 54.1	125 47 13.4	3.780341

FAIRFIELD COUNTY

Boys' Industrial School Chimney

(Not occupied.)

In section 35 and 36, Hocking township, 6 miles south of Lancaster.

Station mark: Center of tall brick chimney.

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(Latitude 39° 38′ 28.64″, Longitude 82° 37′ 36.53″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Pleasant (2)	196 16 42.49	16 17 55.39	3.9867933
Buck	248 35 57.26	68 40 43.74	4.0607701
Schultz	309 29 26.62	129 37 29.82	4.3707116
Brown	346 20 02.87	166 20 57.88	3.9405008

BOYS' INDUSTRIAL SCHOOL WATER TOWER (Not occupied.)

In sections 35 and 36, Hocking township, 6 miles south of Lancaster. Station mark: Center of large white water tower.

(Latitude 39° 38′ 32.48″, Longitude 82° 37′ 38.20″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Pleasant (2)	.....	.....	3.9820877
Buck	.....	.....	4.0605764
Schultz	309 39 00.95	129 47 05.22	4.3726735
Brown	346 15 44.39	166 16 40.48	3.9466564

BUCK

On the farm of Noah Seifert, 7 miles east-southeast of Lancaster, in the southwest part of section 13, Berne township, on a small mound in a cleared field 100 feet north of the east and west road which crosses summit of hill. Timber obstructs view to the southwest.

Station mark: A marble post 30 by 6 by 6 inches set 28 inches in the ground, over an earthenware pyramid.

(Latitude 39° 40′ 44.49″, Longitude 82° 30′ 07.18″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brown	34 23 53.61	214 20 02.08	4.1858328
Boys' Industrial School chimney	68 40 43.74	248 35 57.26	4.0607701
Boys' Industrial School water tower	.....	.....	4.0605764
Pleasant (2)	122 42 18.23	302 38 44.12	3.9771162
Cook	318 30 42.80	138 36 43.24	4.3091667
Schultz	338 54 01.46	158 57 18.49	4.3120770

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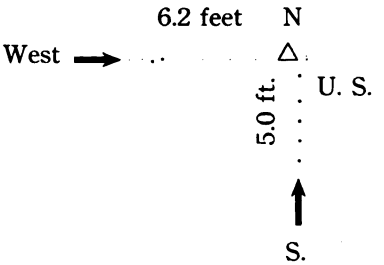
PLEASANT (2)

On summit of a bluff, locally called Mount Pleasant, about 300 feet above and 1 mile north of Lancaster, Ohio. Immediately east of fair grounds, on land owned by F. J. Buschmeyer.

Station mark: Center of iron windmill near western end of summit.

Reference mark: A △ cut in sandstone ledge, with arrows cut on edge of bluff pointing to station.

Azimuth from △ to center of windmill, 148° 23′; distance, 228 feet.



(Latitude 39° 43′ 30.56″, Longitude 82° 35′ 42.36″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Boys' Industrial School chimney	16 17 55.39	196 16 42.49	3.9867933
Boys' Industrial School water tower	.....	.....	3.9820877
Buck	302 38 44.12	122 42 18.23	3.9771162

FRANKLIN COUNTY

COLUMBUS

The roof of the statehouse, which was occupied and angles reduced to center of flagpole. A Coast and Geodetic Survey astronomic station.

Station mark: Center of flagpole.

(Latitude, approximate U. S. standard, 39° 57′ 41.12″; astronomic C. & G. S., 39° 57′ 40.46″. Longitude, approximate U. S. standard, 82° 59′ 56.93″; astronomic C. & G. S., 82° 59′ 46.26″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Spangler	00 50 03.50	180 49 58.86	4.0721185
South base	45 51 20.58	225 47 59.84	4.0151152
North base	56 15 00.73	236 12 51.25	3.7603278
Asylum	85 43 35.18	265 41 27.41	3.6753250
Baker	336 06 47.21	156 08 01.02	3.8290019

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Columbus Insane Asylum

Three miles west of Columbus. The point occupied is on the southern square tower of the main building. The theodolite was set on iron roof just south of flagpole to which angles are reduced. The main central tower is 25 or 30 feet higher, but can not be occupied.

Station mark: Center of flagpole.

(Latitude, approximate U. S. standard 39° 57′ 29.64″; astronomic C. & G. S., 39° 57′ 28.98″. Longitude, approximate U. S. standard, 83° 03′ 15.87″; astronomic C. & G. S., 83° 03′ 05.20″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
North base	1 17 58.88	181 17 57.13	3 4544326
South base	21 30 41.82	201 29 28.77	3.8676913
Columbus	265 41 27.41	85 43 35.18	3.6753250
Baker	307 55 27.15	127 58 48.64	3.9755769
Spangler	338 17 47.73	158 19 50 71	4.0907165

Columbus Insane Asylum. Station Mark: Central Tower

(Latitude, approximate U. S. standard, 39° 57′ 30.13″; astronomic C. & G. S., 39° 57′ 29.47″. Longitude, approximate U. S. standard, 83° 03′ 16.33″; astronomic C. & G. S., 83° 03′ 05.66″)

Columbus North Base

Three and one-half miles by wagon road southwest of Columbus post office, on land owned by H. C. Detwiler, just west of railroad track, on northern prolongation of tangent and 900 feet north of its extremity. Theodolite elevated 31 feet.

Station mark: Limestone post, 46 by 8 by 8 inches set 38 inches in the ground, in center of top of which is cemented a bronze tablet.

Reference marks: Iron bench-mark post on fence line between field and right of way, 29.65 feet distant, the azimuth to it being 302° 19′. Iron bench-mark post set in same direction on eastern side of railroad right of way, 90.55 feet distant.

(Latitude, approximate U. S. standard, 39° 55′ 57.34″; astronomic C. &. G. S., 39° 55′ 56.68″. Longitude, approximate U. S. standard, 83° 03′ 18.59″; astronomic C. & G. S., 83° 03′ 07.92″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
South base	33 19 41.30	213 18 30.02	3.6815710
Insane asylum	181 17 57.13	1 17 58.80	3.4544326
Columbus	236 12 51.25	56 15 00.73	3 7603278
Baker	291 30 15.84	111 33 39.03	3.9076388

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Columbus South Base

Seven miles by road southwest of Columbus; about 900 feet southwest of Urban Crest station; 280 feet west of Baltimore & Ohio Southwestern R. R. track; about 200 feet west of Henry Newmeister's house. Instrument elevated 31 feet.

Station mark: Limestone post 40 by 8 by 8 inches set 36 inches in ground, in center of top of which is cemented a bronze tablet.

Reference marks: Iron bench-mark post on line between lot and street, 38.70 feet distant, azimuth 96° 59′; iron bench-mark post eastward, 11.20 feet distant; iron bench-mark post southward on line between lot and alley, 30.50 feet distant, azimuth, 2° 16′.

(Latitude, approximate U. S. standard, 39° 53′ 47.19″; astronomic C. & G. S., 39° 53′ 46.53″. Longitude, approximate U. S. standard, 83° 05′ 09.69″; astronomic C. & G. S., 83° 04′ 59.02″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Asylum	201 29 28.77	21 30 41.82	3.8676913
North base	213 18 30.02	33 19 41.30	3.6815710
Columbus	225 47 59.84	45 51 20.58	4.0151152
Baker	264 04 45.67	84 09 20.04	4.0092338
Spangler	302 16 28.18	122 19 44.05	3.9339777

Spangler

Seven and one-half miles south of Columbus, on High Street extended. A bare hill, about 80 feet higher than surrounding country, commonly known as Spangler Hill from a former owner, but owned by Mike Duff in 1898. Station is on the ridge about 350 feet east of the road, 80 feet south of fence, 100 feet north of and 6 feet lower than highest point of hill.

Station mark: Iron bench-mark post set 3 feet in ground.

Reference mark: Iron bench-mark post set 2 feet south of fence, 78.6 feet distant; true azimuth 181° 32′.

(Latitude, approximate U. S. standard, 39° 51′ 18.36″; astronomic C. & G. S. 39° 51′ 17 70″. Longitude, approximate U. S. standard, 83° 00′ 04.17″; astronomic C. & G. S., 82° 59′ 53.50″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
South base	122 19 44.05	302 16 28.18	3.9339777
Asylum	158 19 50.71	338 17 47.73	4.0907165
Columbus	180 49 58.86	0 50 03.50	4.0721158
Baker	207 14 48.96	27 16 07.32	3.8021730

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GALLIA COUNTY

GRAHAM

A flat, partly timbered ridge 9 miles by road, north north-west of Gallipolis, 1½ miles east of Evergreen postoffice.

View eastward obstructed by timber; but in all other directions an extensive view can be had. Land owned by Charles Graham and rented by Mr. Sparrows.

Station mark: A marble post 30 by 6 by 6 inches, set 28 inches in the ground 7 feet east of signal tree and on south side of rail fence. In center of top is cemented a bronze triangulation tablet, "Ohio."

Reference mark: The oak signal tree on fence line on south side of road. Azimuth from mark, 99° 11′; distance, 7 feet.

(Latitude 38° 54′ 07.25″, Longitude 82° 15′ 07.55″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Houck	15 43 53.36	195 40 54.83	4.4049004
Wagner	57 07 05.39	236 58 47.15	4.3584636
Davis	114 12 13.18	294 03 37.74	4.3352839
Leonard	186 38 36.75	6 39 15.03	4.1024633
Finlay	285 15 10.50	105 26 39.74	4.4386594

HOUCK

In Harrison township, on a bare hill owned by Noah Houck, 3 miles south of Lincoln and one-fourth mile north of Ruby postoffice. A few locust trees still standing near summit of hill.

Station mark: A sandstone post 30 by 8 by 8 inches set 28 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

Reference mark: The locust signal tree, true azimuth from mark, 268° 05′; distance, 21.2 feet.

(Latitude 38° 40′ 54.17″, Longitude 82° 19′ 52.51″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Wray	49 35 13.43	229 30 22.22	4.1709604
Wagner	134 25 23.87	314 20 05.14	4.2358550
Graham	195 40 54.83	15 43 53.36	4.4049004
Finlay	242 38 56.49	62 53 22.49	4.5747505
Kennard	263 24 39.30	83 33 45.05	4.3270505
Gebhardt	338 02 32.74	158 05 28.36	4.2608573

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WAGNER

A bald hill in Greenfield township, 1½ miles northwest of Cadmus postoffice; one-half mile south of the Gallia-Portsmouth pike, at a point 17 miles west of Gallia on land owned by Jacob Wagner. A bunch of small locusts on southwest side of hill interferes with view in that direction; in all other directions an extended view can be had.

Station mark: A sandstone post 30 by 15 by 15 inches, set 28 inches in the ground; top dressed 9 by 9 inches, having cemented in its center a bronze triangulation tablet. "Ohio."

(Latitude 38° 47′ 24.58″, Longitude 82° 28′ 21.88″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Davis	178 19 50.05	358 19 33.89	4.3278387
Leonard	219 25 58.48	39 34 55.56	4.5104457
Graham	236 58 47.15	57 07 05.39	4.3584636
Houck	314 20 05.14	134 25 23.87	4.2358550
Wray	357 15 02.72	177 15 29.58	4.3360952

GEAUGA COUNTY

CHESTER

A station of the United States Lake Survey, in Chester township, about three-fourths mile west of Chester crossroads and about 9 meters north of the east-west road from that place. The height of station used was 89 feet.

Station mark: A stone post below surface of ground.

Reference marks: Three stone posts, one S. 63° 03′ W., distant 19.25 meters; one S. 6° 23′ W., distant 9 meters; and one S. 59° 30′ E., distant 17.75 meters, from geodetic point. The height of ground at station above mean level of Lake Erie is 719.2 feet.

Note—No station or reference marks could be found by the Geological Survey party in 1904.

(Latitude 41° 32′ 02.655″, Longitude 81° 21′ 16.281″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Little Mountain	209 26 34.59	29 29 46.15	4.1331641
Claridon	277 20 25.67	97 29 49.77	4.2987786

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CLARIDON

A station of the United States Lake Survey, in lot 1, section 14, Claridon township, 1½ miles southerly from village of East Claridon, and 2 miles from railroad station. Height of station used was 100 feet.

Station mark: A stone post underground with a stone post directly over it as a surface mark.

Reference marks: Three stone posts, one S. 83° 38′ E., distant 87.8 meters; one S. 23° 11′ E., distant 65.5 meters; and one S. 3° 41′ W., distant 61.2 meters, from geodetic point. Height of ground at station above mean level of Lake Erie is 793 feet.

(Latitude 41° 30′ 39.379″, Longitude 81° 07′ 05.334″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Thompson	197 36 36.74	17 39 35.20	4.3127774
Andover	254 11 08.39	74 31 26.31	4.6451362
Mesopotamia	304 00 32.45	124 05 18.71	4.0828488

THOMPSON

A station of the United States Lake Survey, situated in Thompson township, one-half mile east of village of Thompson, on Thompson Ledge, 313 meters south along the ledge from road leading east from Thompson. Height of station used was 88.3 feet.

Station mark: A brass rod leaded into the solid rock, 6 inches below surface of coarse, compact, pebbly soil.

Reference marks: Five stone posts, one N. 34° 02′ W., distant 85.4 meters; one N. 81° 42′ E., distant 6.2 meters; one S. 25° 06′ E., distant 36 meters; one S. 19° 34′ W., distant 342 meters; one S. 77° 02′ W., distant 35 meters, from geodetic point. The bluff is distant 12 meters on the east. The height of ground at station above mean level of Lake Erie is 734.5 feet.

(Latitude 41° 41′ 14.129″, Longitude 81° 02′ 36.527″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Conneaut	236 37 00.44	56 54 10.70	4.6301944
Andover	281 48 03.58	102 05 24.95	4.5688943

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GUERNSEY COUNTY

CLAYSVILLE

On a bald knob one-fourth mile northwest from village of Claysville.

Station mark: A bottle of ashes 2½ feet below surface, above which is a tile 30 by 4 by 4 inches set 30 inches in the ground.

(Latitude 39° 56′ 25.33″, Longitude 81° 40′ 43.04″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sago	131 54 42.28	311 50 42.87	4.0746717
College	193 42 02.84	13 43 15.84	4.0557460
Midway	226 49 26.89	46 55 37.28	4.2725062
Warehime	264 12 48.08	84 24 23.41	4.4121452
Gregg	290 24 08.88	110 31 13.35	4.2245402

COLLEGE

In a field about 400 feet southeast from white schoolhouse, on what is known locally as College Hill, 2.5 miles northwest of Cambridge.

Station mark: A limestone post 40 by 7 by 7 inches set 39 inches in the ground, in center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 02′ 23.47″, Longitude 81° 38′ 49.47″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Claysville	13 43 15.84	193 42 02.84	4.0557460
Sago	74 54 42 29	254 49 29.58	4.0771353
Kennedy	152 47 17.23	332 45 02.42	4.0350419
Midway	260 51 24.41	80 56 22.09	4.0455896

HALL'S KNOB—(Not occupied.)

A high knob in northern part of Millwood township, locally known as Joe Hall's Knob.

Station mark: Center of tobacco barn on highest part of knob.

(Latitude 39° 59′ 57.14″, Longitude 81° 17′ 15.25″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sewellsville	209 31 02.83	29 33 48.43	4.0925218
Steele	290 41 37.89	110 43 48.80	3.7132089

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KENNEDY

On east slope of hill, in field owned by Mr. Kennedy, about 5 miles west of Kimbolton and 3 miles northwest of Hopewell village.

Station mark: A sandstone post 40 by 7 by 7 inches set 36 inches in the ground, in center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 07′ 36.01″, Longitude 81° 42′ 18.85″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sago	27 14 31.91	207 11 33.69	4.1566993
Widder	212 17 49.89	32 21 19.42	4.1574000
Booth	230 51 07.97	50 57 10.87	4.2342578
Midway	296 16 48.49	116 24 01.27	4.2495411
College	332 45 02.42	152 47 17.23	4.0350419

MCBRIDE

Situated on a cleared hill about 2 miles northeast of the village of Antrim, in Londonderry township. Land owned by J. E. McBride.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 07′ 59.22″, Longitude 81° 20′ 04.72″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Warehime	11 05 17.55	191 03 37.47	4.2832082
Tippecanoe	203 13 59.21	23 16 45.07	4.1873542
Prospect Hill	226 01 54.41	46 06 58.83	4.1902726
Sewellsville	292 03 17.71	112 07 52.73	4.0377941
Steele	332 03 18.01	152 07 18.16	4.2763262

MIDWAY

About 6 miles northeast of Cambridge and 1½ miles southeast of village of Midway, 200 feet west of north and south road and 300 feet northwest of schoolhouse, on a prominent bald hill.

Station mark: A limestone post 36 by 6 by 6 inches set 30 inches in the ground, in center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio."

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(Latitude 40° 03′ 20.47″, Longitude 81° 31′ 06.84″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Claysville	46 55 37.28	226 49 26.89	4.2725062
College	80 56 22.09	260 51 24.41	4.0455896
Kennedy	116 24 01.27	296 16 48.49	4.2495411
Widder	157 42 44.98	337 39 01.10	4.3353514
Booth	172 07 03.12	352 05 52.54	4.2759110
Warehime	310 23 54.26	130 29 19.95	4.1983205
Gregg	353 48 09.85	173 49 04.63	4.2735701

Warehime

Situated on a high cleared hill in Richland township, about 2½ miles southeast of Gibson station. Land owned by Albert Warehime.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 57′ 48.36″, Longitude 81° 22′ 40.22″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Tucker	5 11 30.20	185 11 04.50	4.0219463
Pleasant	17 43 25.93	197 40 49.35	4.2799538
Gregg	49 56 24.57	229 51 54.19	4.1165523
McBride	191 03 37.47	11 05 17.55	4.2832082
Sewellsville	223 05 20.85	43 11 35.43	4.3052324
Steele	260 15 48.06	80 21 27.72	4.1047692
Wiedman	310 06 46.06	130 14 07.62	4.3304252
Calland	345 08 11.50	165 10 18.15	4.2628296

HAMILTON COUNTY

Brothers Protectory[1]

Center of cross on steeple on southeast part of main buildings of the Mount Alverno Protectory for Boys on the river bluff southwest of Price Hill.

(Latitude 39° 05′ 14.757″, Longitude 84° 36′ 31.914″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Tanner	21 08 29.44	201 06 52.15	4.0130234
Lookout House	294 28 16.17	114 30 54.93	3.8230311

[1]Copied from "Report on a Plan of Sewerage, City of Cincinnati", 1912.

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Clifton School[1]

On the roof of Clifton School, west side of Clifton Avenue, opposite Woolper Avenue. Station is south of the ventilator on the south half of the roof and is marked by a copper tack surrounded by three other tacks in the form of a triangle. The station was referenced as follows: Reference No. 1 is a copper tack surrounded by four others driven in the northwest corner of a projection on the south cupola of the building. Mark is 1.7 feet above the roof and 14.95 feet from the station. Reference No. 2 is a copper tack surrounded by four others, driven in the vertical face of the ridge of the roof, over which the roof tiling projects. It is 6.68 feet from the station. Reference No. 3 is a copper tack surrounded by four others, driven in the west edge of the tin roof directly west of small ventilator, and 16.65 feet from the station. Reference No. 4 is a copper tack surrounded by four others, driven in the tin roof 4 feet from its west edge and 8 feet from its south edge. Mark is 12.72 feet from the station.

(Latitude 39° 09′ 00.729″, Longitude 84° 31′ 08.872″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Hughes High School	4 37 16.78	184 37 11.69	3.3805173
Stross	99 03 26.29	279 01 54.60	3.5478716

College Hill Methodist Home[1]

The tip of the cupola on the large brick building, the Methodist Home for the Aged, on the west side of Hamilton Avenue in the southern part of College Hill.

(Latitude 39° 11′ 13.312″, Longitude 84° 32′ 48.058″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Stross	17 22 09.49	197 21 40.41	3.5684640
Warsaw School	22 32 24.36	202 30 54.69	3.9493781
Westwood School	45 58 21.29	225 56 22.62	3.7976123
Clifton School	329 46 32.31	149 47 34.96	3.6749859
Hughes High School	341 20 27.03	161 21 24.57	3.8351664

Cedar Grove Academy[1]

Located by the City of Cincinnati. Station mark: Cupola.

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(Latitude 39° 06′ 46.953″, Longitude 84° 34′ 41.171″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brothers' Protectory	43 06 56.9	223 05 47.0	3.5904175
Warsaw School	89 26 44.5	269 26 26.3	2.8413754
Hughes High School	250 32 38.6	70 34 47.5	3.7162520
Lookout House	328 47 29.6	148 48 58.5	3.8161303

Eden Park Water Tower[1]

The tip of the spire of the water tower in the northern part of Eden Park.

(Latitude 39° 07′ 02.207″, Longitude 84° 29′ 24.852″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Lookout House	34 45 13.42	214 43 22.95	3.8685741
Brothers' Protectory	72 08 31.93	252 04 02.54	4 0327588
Warsaw School	86 44 14.71	266 40 36.89	3.9194476
Fort Thomas	325 49 54.20	145 51 32.41	3.8239245

Elizabethtown Astronomic Station

A Coast and Geodetic Survey station situated about 1 mile east of the State line and about 200 meters northwest of the Cleveland, Cincinnati, Chicago & St. Louis Railway station. The longitude and latitude piers are both built of stone picked up near by, laid in cement; they have foundations 2½ feet in the ground, and rise 3 feet above ground. The longitude pier is about in center line, and the latitude pier is 50 inches due west. The property east is owned by Mr. Tabow, and that west by Zunn Hayhurst. A meridian line was laid out and marked by two stones 130.65 meters apart, and the magnetic declination as shown by Mr. Haire's (surveyor) compass at 10.45 a. m. October 16, 1891, was 1° 30′ E.

Station was referred to a large cylindrical monument on the State line, marked "1837" about 8 feet tall, with a conical top, by direct measurement along traverse lines, with steel tape twice, and Brumm theodolite No. 68, a 6-inch repeating instrument.

Distances measured from transit: To fence east 2.83 meters; to fence south 5.27 meters; to fence west 17.11 meters; first meridian stone 60.37 meters; second meridian stone 191.02 meters; State line monument west

[1]Copied from "Report on a Plan of Sewerage, City of Cincinnati".

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1,222.68 meters; State line monument south 1,079.21 meters; Methodist Episcopal Church 28.39 meters west; Methodist Episcopal Church 50.07 meters north; Presbyterian Church 102.06 meters west; Presbyterian Church 302.17 meters north; public school 24.16 meters east; public school 209.88 meters north.

(Latitude 39° 09′ 32.2″, longitude 84° 48′ 21.5″; approximate U. S. standard. Latitude 39° 09′ 28.54″, longitude 84° 48′ 22.48″; astronomic value)

Hughes High School[1]

On the tar and gravel roof of the high tower on Hughes High School, on the west side of Clifton Avenue. opposite Calhoun Street. Center is marked (in temporary manner) by a spike driven in the roof, and is referenced in permanent manner by two bronze disks set, one in the north and the other in the west parapet wall. From the center to the disk in the north wall is 16.03 feet, and to the disk in the west wall is 12.86 feet. These disks are of bronze, 3¾ inches across, and bear the inscription "City of Cincinnati—Topographic Survey of 1912". In the center of each disk is a triangle and a cross cut with a chisel indicates the exact point on the disk used.

(Latitude 39° 07′ 43.101″, Longitude 84° 31′ 16.928″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Lookout House	11 41 29.78	191 40 49.98	3.8743735
Brothers' Protectory	58 52 35.29	238 49 16.60	3.9466125
Warsaw School	72 46 37.77	252 44 10.66	3.7681858
Eden Park water tower	295 05 20.11	115 06 30.83	3.4731922
Fort Thomas	316 27 36.06	136 30 24.98	3.9706656

Kennedy[1]

In Kennedy Heights on the brow of the hill, 250 feet south of the center line of Davenant Avenue, and 100 feet west of center line (produced) of Kinell Avenue. In a brush covered lot belonging to the Bullock estate. Marked by a disk in a concrete block similar to the one placed at Norwood.

(Latitude 39° 10′ 28.451″, Longitude 84° 24′ 55.209″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Observatory	10 25 25.84	190 25 06.77	3.6028485
Norwood water tower	73 50 37.40	253 49 26.90	3.4455005

[1]Copied from " Report on a Plan of Sewerage, City of Cincinnati".

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LONGVIEW[1]

The lowest portion of the flagpole on Longview Asylum for the Insane, just east of the former village of Carthage.

(Latitude 39° 11′ 23.951″, Longitude 84° 28′ 44.931″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Hughes High School	28 11 51.50	208 10 15.52	3.8879915
College Hill Methodist Home	86 48 10.84	266 45 37.22	3.7667217
Norwood	311 32 13.83	131 33 28.34	3.5777947

MADISONVILLE SCHOOL[1]

On the roof of the Madisonville public school, near its southern end, the exact point being marked by a wire nail driven into the tar and gravel roof. Station is 13.9 feet from the southeast and southwest corners (close to roof) of large ventilator. Bronze disks such as are described for Hughes High School were placed as follows: In the vertical face of the brick parapet wall rising above the south end of the roof; a cross cut in this disk is 10.84 feet from the station. A similar disk was set in the vertical face of the west parapet wall near the south end of building. This disk is 48.33 feet from the station.

(Latitude 39° 09′ 31.690″, Longitude 84° 23′ 30.088″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Observatory	51 39 32.82	231 38 20.02	3.5478717
Norwood water tower	101 40 02.39	281 37 58.15	3.6832517
Kennedy	130 35 23.49	310 34 29.73	3.4298611

MADISONVILLE WATER TOWER[1]

Located by the City of Cincinnati. Station mark: Water tower.

(Latitude 39° 09′ 18.598″, Longitude 84° 24′ 04.625″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Observatory	47 21 08.3	227 20 17.4	3.4211716
Kennedy	150 35 31.7	330 34 59.7	3.3932014
Madisonville School	244 02 09.3	64 02 31.1	2.9648715
Mount Washington School	350 19 49.5	170 20 21.1	3.8569836

[1]Copied from "Report on a Plan of Sewerage, City of Cincinnati".

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Mount Adams Convent*

The center of the belfry on the roof on the Passionist Monastery on Mount Adams, Cincinnati, just back of the Highland House and the Mount Adams incline. This monastery was formerly the old Cincinnati Observatory.

(Latitude 39° 06′ 27.655″, Longitude 84° 29′ 56.350″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Lookout House	34 36 43.81	214 35 13.22	3.7840351
Tanner	48 09 49.14	228 04 02.60	4.2495390
Price Hill	87 14 12.11	267 12 01.32	3.6979269

Mount Lookout (Transit Pier)*

In the grounds of the Cincinnati Observatory on Mount Lookout, 24.87 meters N. 5° W, from the northwest corner of the observatory, and 12.8 meters west and 29.6 meters north of the center of the dome. The station is marked by a sandstone pier built of three pieces cemented together in the form of an H. The pier is inscribed as follows: "U. S. Coast and Geodetic Survey, 1881".

(Latitude 39° 08′ 21.872″, Longitude 84° 25′ 21.929″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Observatory	344 23 05.00	164 23 05.00	1.540955

Mount Washington School[1]

On the roof of the tower of the Mount Washington public school on Beechmont Avenue, corner Campus Lane. Station is marked by a single copper tack. It is 1.5 feet inside west rail; 5.1 feet from northwest railing corner; 8.3 feet from southwest railing corner; and 3.3 feet from the northwest and 5.1 feet from the southwest corners of the trap door.

(Latitude 39° 05′ 28.615″, Longitude 84° 23′ 14.343″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Cold Springs Church Spire	35 57 51.76	215 55 35.03	3.9488153
Fort Thomas	63 00 45.69	242 58 30.31	3.7629682
Eden Park water tower	107 59 40.21	287 55 46.52	3.9712193
Observatory	149 19 21.93	329 17 59.22	3.7902167
Kennedy	165 19 36.07	345 18 32.39	3.9803827
Madisonville School	177 06 46.67	357 06 36.72	3.8753727

[1]Copied from "Report on a Plan of Sewerage, City of Cincinnati". *U. S. C. & G. S.

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NORWOOD[1]

In the lot on Mound Street, city of Norwood, in which stands the large black water tank. Station is 69.3 feet from center of tower in bearing south 12° west. Center is marked by a cross cut in bronze disk (see description of Hughes High School) set in top of concrete block. This block, which was molded in place, is triangular in form, extends 3 feet below surface of ground, about 1½ feet above, is 2 feet on an edge, and has in each of its three vertical faces a triangle cast sunken.

(Latitude 39° 10′ 02.597″, Longitude 84° 26′ 46.989″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Eden Park water tower	34 17 19.66	214 15 40.01	3.8281328
Hughes High School	56 27 15.43	236 24 25.01	3.8909600
Clifton School	73 08 38.19	253 05 52.83	3.8176178
Observatory	328 03 48.31	148 04 39.82	3.5687094

NORWOOD WATER TOWER[1]

Located by the City of Cincinnati. Station mark: Water tower.

(Latitude 39° 10′ 03.267″, Longitude 84° 26′ 46.810″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Norwood	11 42 50.28	191 42 50.17	1.3249365
Hughes High School	56 20 41.93	236 17 51.39	3.8917980
Longview	131 16 43.19	311 15 31.56	3.5765907
Observatory	328 17 17.28	148 18 08.68	3.5705017

OBSERVATORY[1]

In the grounds of the Cincinnati Observatory on Mount Lookout, in the western part of the grounds, about 275 feet west of the west side of the main building of the observatory. Marked by a bronze disk in a concrete block similar to the one placed at Norwood Station.

(Latitude 39° 08′ 20.648″, Longitude 84° 25′ 25.398″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Fort Thomas	14 13 44.48	194 12 51.71	3.9131189
Eden Park water tower	67 12 40.51	247 10 09.41	3.7951611
Hughes High School	82 13 19.62	262 09 37.76	3.9305476
Clifton School	98 33 09.05	278 29 32.23	3.9211889

[1]Copied from "Report on a Plan of Sewerage, City of Cincinnati".

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Observatory, Cincinnati

On the southwest corner of the square or central part of the Cincinnati Observatory on Mount Lookout. The station is just southwest of the dome and is marked by a copper tack surrounded by three other tacks in the form of a triangle.

(Latitude 39° 08′ 20.787″, Longitude 84° 25′ 21.540″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Alexandria Courthouse	351 06 33.55	171 07 55.08	4.3044618
Cold Spring larger spire	9 48 08.19	189 47 11.57	4.1034657
Lookout House	49 50 50.64	229 46 26.70	4.1193886

Price Hill

On the top of Price Hill in the city of Cincinnati, at the center of the tower at the southeast corner of the brick building of the Price Hill incline engine house.

(Latitude 39° 06′ 19.806″, Longitude 84° 33′ 33.702″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Cold Spring larger spire	312 53 44.23	132 57 51.50	4.1100029
Lookout House	342 11 18.02	162 11 58.16	3.6993050
Stevens	349 20 16.16	169 21 55.46	4.3125182
Tanner	35 22 29.12	215 18 53.23	4.1535973

Reading[1]

A braced pole close to fence along west side of an open field on brow of hill, north of Hamel Road and east of the village of Reading. Not permanently marked.

(Latitude 39° 12′ 48.360″, Longitude 84° 26′ 30.228″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Norwood water tower	4 28 15.31	184 28 04.84	3.7081359
Longview	51 09 57.70	231 08 32.56	3.6180515
College Hill Methodist Home	72 07 01.89	252 03 03.09	3.9790142

St. Clemon's Church[1]

Station mark: Church spire. Located by City of Cincinnati.

[1]Copied from "Report [illegible]n of Sewerage, City of Cincinnati".

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(Latitude 39° 09′ 57.065″, Longitude 84° 30′ 00.927″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Hughes High School	23 50 29.0	203 49 41.0	3.6547859
Clifton School	43 12 17.7	223 11 34.8	3.3771513
College Hill Methodist Home	120 23 20.9	300 21 35.3	3.6674537
Longview	214 14 27.3	34 15 15.3	3.5107303
Norwood	267 53 05.5	87 55 07.9	3.6682928

St. Francis de Sales[1]

Station mark: Church spire. Located by City of Cincinnati.

(Latitude 39° 07′ 47.125″, Longitude 84° 28′ 35.646″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Eden Park water tower	40 28 47.9	220 28 16.8	3.2602948
Hughes High School	88 10 46.9	268 09 05.1	3.5883765
Longview	178 05 28.8	358 05 22.9	3.8254370
Norwood	211 58 39.9	31 59 48.4	3.6924516
Observatory	257 14 06.5	77 16 06.5	3.6706957

St. Joe[1]

Center of cross on steeple of Mount St. Joseph, the mother house of the Sisters of Charity, on the river bluff, 2 miles east of the former village of Delhi.

(Latitude 39° 05′ 50.314″, Longitude 84° 38′ 44.446″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Tanner	2 49 10.38	182 48 56.57	4.0302432
Westwood School	215 51 15.74	35 53 02.08	3.8393635
Warsaw School	251 19 07.42	71 21 22.66	3.7353740
Brothers Protectory	288 59 07.42	109 00 30.99	3.5274350
Lookout House	292 36 44.93	112 40 47.26	4.0005007

St. Lawrence Church[1]

Station mark: Church spire. Located by City of Cincinnati.

[1]Copied from "Report on a Plan of Sewerage, City of Cincinnati."

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(Latitude 39° 06′ 40.437″, Longitude 84° 34′ 22.820″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brothers Protectory	49 35 20.2	229 33 58.8	3.6101060
Warsaw School	99 42 52.0	279 42 22.2	3.0612128
Westwood School	151 06 41.0	331 05 42.3	3.6654635
Stross	193 28 46.9	13 29 17.7	3.7006803
Clifton School	227 06 00.9	47 08 03.3	3.8032896
Hughes High School	246 35 02.8	66 37 00.1	3.6871579
Lookout House	331 20 13.0	151 21 30.4	3.7891636

ST. MARY SEMINARY[1]

Station mark: Flag staff. Located by City of Cincinnati.

(Latitude 39° 06′ 39.899″, Longitude 84° 33′ 41.297″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brothers Protectory	57 22 46.0	237 20 58.4	3.6874006
Warsaw School	95 39 10.1	275 38 14.1	3.3310024
Stross	182 01 25.4	2 01 30.0	3.6902856
Hughes High School	240 39 08.3	60 40 39.5	3.5996944
Lookout House	340 03 22.1	160 04 13.3	3.7579371

STROSS[1]

On top of the ridge west of Cumminsville, on a rent farm belonging to the Emery estate, and about 800 feet southwest of the barn. Station is marked by bronze disk (see description of Hughes High School, above) in the upper face of a concrete block. This block is triangular in plan, 1½ feet thick, its upper face being 2 feet below the surface of the ground. No surface mark was set at the center, but two reference marks were set as follows: Concrete post with nail in top was set alongside wire fence on west side of road; it is 151.12 feet from station in bearing north 46° west. The other reference mark is a similar concrete post on east side of road, 101.9 feet from station in bearing south 57° west.

(Latitude 39° 09′ 18.729″, Longitude 84° 33′ 34.088″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Westwood School	76 20 05.88	256 18 36.32	3.5447678
Hughes High School	311 49 28.95	131 50 55.53	3.6455327

[1]Copied from "Report on a Plan of Sewerage, City of Cincinnati".

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WARSAW SCHOOL[1]

On the south side of the apex of the roof of the Warsaw public school on Glenway Avenue, at the end of the Warsaw car line. This building is an old one and has been condemned. The station was marked by a copper tack surrounded by eight other copper tacks, and referenced to four chimneys as follows (in each case the near angle of the chimney is point measured to): Chimney to east is distant 24.5 feet; chimney southeast of station is distant 11.5 feet; chimney to southwest is distant 8.0 feet; chimney west of station is distant 18.8 feet.

(Latitude 39° 06′ 46.734″, Longitude 84° 35′ 10.057″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brothers' Protectory	34 44 52.83	214 44 01.20	3.5380287
Fort Thomas	292 40 16.09	112 45 31.97	4.1156670
Lookout House	323 50 33.70	143 52 20.85	3.8406046

WESTWOOD METHODIST CHURCH[1]

Located by the City of Cincinnati. Station mark: Church spire.

(Latitude 39° 09′ 02.671″, Longitude 84° 35′ 57.938″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
College Hill Methodist Home	228 30 46.3	48 32 46.2	3.7841492
Clifton School	270 28 08.2	90 31 10.7	3.8414498
Hughes High School	289 57 21.6	110 00 18.9	3.8561855
Warsaw School	344 39 15.8	164 39 46.0	3.6381789
Westwood School	351 49 51.9	171 49 53.1	2.5278676

WESTWOOD SCHOOL[1]

On the highest part of the roof of the Westwood public school, closely in line with the south edge of the large chimney, and about 25 feet to the east of it. Marked by a large nail driven into the tar and gravel roof and referenced as follows: A bronze disk (see description of Hughes High School) set in the east face of large chimney is 25.21 feet from the station; a similar disk set in the vertical face of the brick parapet wall on south side of roof is 39.02 feet from the station. A cross inside a triangle cut in a brick in southwest corner of base of small chimney is 10.41 feet east of station, and a similar mark cut in east tile pillar over the main entrance to school is 47.53 feet from the station.

[1]Copied from "Report on a Plan of Sewerage, City of Cincinnati".

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(Latitude 39° 08′ 51.848″, Longitude 84° 35′ 55.943″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brothers' Protectory	7 21 29.68	187 21 06.98	3.8293129
Hughes High School	287 31 53.11	107 34 49.22	3 8468538
Warsaw School	344 03 11.59	164 03 40.53	3.6034227

WHITTIER'S SCHOOL[1]

Located by the City of Cincinnati. Station mark: Flag Staff.

(Latitude 39° 06′ 30.941″, Longitude 84° 34′ 00.831″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brothers' Protectory	57 06 23.8	237 04 48.6	3.6359228
Warsaw School	106 19 42.1	286 18 58.4	3.2388135
Westwood School	147 32 26.5	327 31 13.9	3.7118422
Stross	187 04 26.9	7 04 43.8	3.7171660
Lookout House	334 37 03.5	154 38 07.0	3.7522751

BOUNDARY POST ON INDIANA-OHIO STATE LINE

Dearborn County, Indiana

Station mark: Indiana-Ohio State line post near Elizabethtown, Hamilton County, Ohio.

(Latitude 39° 08′ 53.54″, Longitude 84° 49′ 13.40″. Astronomic value)

HARRISON COUNTY

BOWERSTON

Situated on a cleared hill in section 25, Monroe township, about 2 miles south of the village of Bowerston, on land owned by J. E. Brown.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

[1]Copied from "Report on a Plan of Sewerage, City of Cincinnati".

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(Latitude 40° 23′ 13.23″, Longitude 81° 11′ 18.71″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Tippecanoe	24 21 54.23	204 19 00.04	4.1880466
Jefferson	260 45 35.42	80 54 37.31	4.3003187
Cadiz	304 31 25.13	124 38 35.25	4.2799048
Deersville	358 23 14.06	178 23 20.87	3.9461666

Cadiz

Situated 1⅛ miles north of the town of Cadiz on a hill locally known as the Sand lot, on land owned by Louis Rider, at forks of road to Hanover and Rumley.

Theodolite elevated 52 feet.

Station mark: A cut marble post 48 by 6 by 6 inches sunk 36 inches in the ground, in center of top of which is cemented a bronze trianguation tablet, "Ohio."

(Latitude 40° 17′ 22.36″, Longitude 81° 00′ 14.58″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Jefferson	196 06 28.74	16 08 19.68	4.1631951
Hopedale	249 40 19.70	69 46 06.04	4.1295800
Mount Pleasant	312 57 37.85	133 05 59.66	4.4004381
Clarks Hill	350 11 27.43	170 13 03.92	4.3177623
Sewellsville	40 08 03.66	219 59 50.71	4.4482271
Deersville	97 22 22.94	277 15 19.98	4.1923301
Bowerston	124 38 35.25	304 31 25.13	4.2799048

Cadiz Court-House

(Not occupied.)

Station mark: Center of cupola on court house.

(Latitude 40° 16′ 22.39″, Longitude 80° 59′ 52.62″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Hopedale	241 40 48.88	61 46 20.94	4.1388232
Mount Pleasant	310 31 40.34	130 39 47.88	4.3715307

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Deersville

Situated in the village of Deersville, Franklin township. Station is center of cupola of public school building in the eastern part of village.

Station mark: Center of cupola.

(Latitude 40° 18′ 26.93″, Longitude 81° 11′ 08.13″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sewellsville	6 19 40.88	186 18 29.97	4.3730446
Prospect	10 06 05.78	190 05 23.84	3.9417489
Tippecanoe	51 43 47.10	231 40 46.25	3.9252612
Bowerston	178 23 20.87	358 23 14.06	3.9461666
Jefferson	238 15 45.68	58 24 40.31	4.3594835
Cadiz	277 15 19.98	97 22 22.94	4.1923301

Jefferson

Situated on a bare hill one-fourth mile northwest of the town of Jefferson, between the forks of the New Philadelphia and Carrollton roads, on land owned by Samuel Meed.

Station mark: A cut marble post 42 by 6 by 6 inches sunk 36 inches in the ground, in center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 24′ 55.88″, Longitude 80° 57′ 23.13″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Cadiz	16 08 19.68	196 06 28.74	4.1631951
Carrollton	160 48 24.64	340 45 32.78	4.2772402
Elders	206 09 16.01	26 13 45.61	4.3452306
Wintersville	274 33 35.99	94 42 21.10	4.2824762
Hopedale	317 18 11.04	137 22 06.82	4.1028039
Deersville	58 24 40.31	238 15 45.68	4.3594835
Bowerston	80 54 37.31	260 45 35.42	4.3003187

Prospect Hill

Situated on the summit of a sharp hill, about 4 miles northeast of Freeport and just east of the Freeport and Cadiz road. The hill is known locally as Prospect Hill and is the highest point for miles around. Land owned by Robert Moore.

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Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 13′ 47.80″, Longitude 81° 12′ 12.96″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Sewellsville	4 06 05.81	184 05 36.80	4.1729676
McBride	46 06 58.83	226 01 54.41	4.1902726
Tippecanoe	123 45 44.31	303 43 25.52	3.7857938
Deersville	190 05 23.84	10 06 05.78	3.9417489
Flushing	306 47 57.00	126 53 22.00	4.1720159

RUMLEY

(Not occupied.)

Station mark: Spire of Methodist Episcopal Church.

(Latitude 40° 24′ 14.72″, Longitude 81° 02′ 04.54″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Jefferson	259 02 14.82	79 05 17.47	3.8303382
Cadiz	348 24 50.50	168 26 01.90	4.1130606

TIPPECANOE

Situated on the summit of a high, cleared hill in Washington township, about 2 miles southeast of the village of Tippecanoe. Land owned by William Welch.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 15′ 37.77″, Longitude 81° 15′ 47.79″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
McBride	23 16 45.07	203 13 59.21	4.1873542
Bowerston	204 19 00.04	24 21 54.23	4.1880466
Deersville	231 40 46.25	51 43 47.10	3.9252612
Prospect	303 43 25.52	123 45 44.31	3.7857938
Sewellsville	347 33 48.12	167 35 37.71	4.2714644

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HOCKING COUNTY

BARTON

On a flat cultivated ridge, in section 18, Washington township, owned by William Barton, who lives one-fourth mile west of station. Selected and occupied by the United States Coast and Geodetic Survey in 1884-85.

Station mark: A marble post 30 by 6 by 6 inches set 28 inches in the ground over an earthenware pyramid. Top of post marked,

U.	S.
C. &	G. S.

Reference marks: Three marble posts 30 by 4 by 4 inches, set as follows:

(1) True azimuth, 99° 53′; distance, 140.25 feet.
(2) True azimuth, 54° 41′; distance, 175.8 feet.
(3) True azimuth, 338° 12′; distance, 437.75 feet.

(Latitude 39° 26′ 22.32″, Longitude 82° 29′ 46.50″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brown	146 40 36.24	326 36 32.15	4.2220318
Schultz	222 46 20.65	42 49 24.02	4.0063768
Cook	228 57 23.90	49 03 10.28	4.2366543
Brooks	257 42 22.62	77 52 27.11	4.3666779
McDaniel	290 56 26.59	111 03 09.10	4.2107237
Zaleski	338 05 36.66	158 09 14.12	4.3433070

BROOKS

A station of the United States Coast and Geodetic Survey, on a wooded ridge near the northern line of section 19, Ward township, about 3 miles north of Nelsonville.

Station mark: A marble post 29 by 6 by 6 inches, set 22 inches in the ground, above a square earthenware pryamid 5 inches high. Top of post is marked,

U.	S.
C. &	G. S.

Reference marks: (1) A marble post 30 by 4 by 4 inches set 28 inches in the ground; azimuth from mark, 74° 11′; distance, 110.75 feet. (2) A marble post 30 by 4 by 4 inches, set 28 inches in the ground; azimuth from mark, 336° 13′; distance, 275 feet. (3) A marble post 30 by 4 by 4 inches, set 28 inches in the ground; azimuth from mark, 200° 35′; distance, 185.4 feet.

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(Latitude 39° 29′ 01.86″, Longitude 82° 13′ 55.39″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
McDaniel	35 15 15.27	215 11 53.84	4.1188828
Barton	77 52 27.11	257 42 22.62	4.3666779
Schultz	99 07 21.22	279 00 19.77	4.2050498
Cook	123 23 44.62	303 19 26.03	4.0653816
Nebo	303 54 52.42	124 00 23.75	4.1770814

Brown

On the property of Isaac Brown, in the southeast quarter of section 30, Good Hope township, 13 miles by road west of Logan, 13 miles south of Lancaster, 5 miles west of Rockbridge. Station is just east of a cemetery which occupies summit of hill and has a good view in nearly all directions.

Station mark: A marble post 30 by 6 by 6 inches, set 28 inches in the ground, over an earthenware pyramid.

(Latitude 39° 33′ 53.90″, Longitude 82° 36′ 10.23″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Boys' Industrial School water tower	166 16 40.48	346 15 44.39	3.9466564
Boys' Industrial School chimney	166 20 57.88	346 20 02.87	3.9405008
Buck	214 20 02.08	34 23 53.61	4.1858328
Cook	276 38 41.55	96 48 32.74	4.3486753
Schultz	291 55 33.81	112 02 41.69	4.2383235
Barton	326 36 32.15	146 40 36.24	4.2220318

Cook

On the estate of John Cook in the northeast quarter of section 23, Green township, 4 miles east of Logan. A good view can be had in all directions excepting north 0° east to north 30° east, which is interfered with by timber at north end of ridge. This station was also occupied by the United States Coast and Geodetic Survey in 1881.

Station mark: A marble post 30 by 6 by 6 inches, set 28 inches in the ground, immediately above an earthenware pyramid. Top of post marked

U.	S.
C. &	G. S.

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(Latitude 39° 32′ 29.14″, Longitude 82° 20′ 41.83″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Barton	49 03 10.28	228 57 23.90	4.2366543
Schultz	57 44 19.75	237 41 36.70	3.8596674
Brown	96 48 32.74	276 38 41.55	4.3486753
Buck	138 36 43.24	318 30 42.80	4.3091667
Brooks	303 19 26.03	123 23 44.62	4.0653816
McDaniel	352 53 21.32	172 54 18.10	4.2371864

McDaniel

Situated in the southern edge of the southwest quarter, section 7. Starr township, on the estate of George McDaniel, 8 miles southwest of Nelsonville postoffice, 15 miles southeast of Logan, and 2 miles east of Starr. The knob is quite prominent and has only a few trees on its southwest side to interfere with view. Selected and occupied by the United States Coast and Geodetic Survey in 1882-83.

Station mark: A marble post 26 by 6 by 6 inches, set 25 inches in the ground immediately above a square earthenware pyramid. Top of post marked

U.	S.
C. &	G. S.

(Latitude 39° 23′ 13.57″, Longitude 82° 19′ 12.52″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Zaleski	25 29 15.51	205 26 11.15	4.2098137
Barton	111 03 09.10	290 56 26.59	4.2107237
Schultz	148 07 04.09	328 03 24.55	4.1939372
Cook	172 54 18.10	352 53 21.32	4.2371864
Brooks	215 11 53.84	35 15 15.27	4.1188828
Nebo	263 16 04.46	83 24 56.70	4.3054151
White	274 32 58.10	94 42 43.35	4.3453947
Townsend (2)	298 48 45.11	118 57 19.04	4.3458525

Schultz

A prominent knob 3 miles south of Logan, on the estate of Daniel Schultz, in the west half of the northeast quarter of section 26, Falls township. Summit has apple and peach trees which interfere somewhat

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with the view. This station was occupied by the United States Coast and Geodetic Survey in 1885.

Station mark: A marble post 30 by 6 by 6 inches, set 28 inches in the ground immediately above an earthenware pyramid. Top of post marked

U.	S.
C. &	G. S.

(Latitude 39° 30′ 23.76″, Longitude 82° 24′ 58.05″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Barton	42 49 24.02	222 46 20.65	4.0063768
Brown	112 02 41.69	291 55 33.81	4.2383235
Boys' Industrial School chimmey	129 37 29.82	309 29 26.62	4.3707116
Boys' Industrial School water tower	129 47 05.22	309 39 00.95	4.3726735
Buck	158 57 18.49	338 54 01.46	4.3120770
Cook	237 41 36.70	57 44 19.75	3.8596674
Brooks	279 00 19.77	99 07 21.22	4.2050498
McDaniel	328 03 24.55	148 07 04.09	4.1939372

HURON COUNTY

Townsend

A station of the United States Lake Survey, in lot 56, Towsend township, one-half mile northeast of the village of Collins, and one-eighth mile south of the corner of lots 41, 42, 55, and 56. Height of station used was 105 feet.

Station mark: A brass bolt leaded into the solid rock between the letters "U. S." cut therein, about 2½ feet below the surface of the ground.

Reference marks: Three stone posts, one S. 14° 10′ W., distant 42.1 meters; one N. 9° 10′ W., distant 64 meters; and one N. 82° 52′ E., distant 44.1 meters. Height of ground at station above mean level of Lake Erie is 349.6 feet.

(Latitude 41° 15′ 43.256″, Longitude 82° 28′ 59.773″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Brownhelm	226 15 22.22	46 22 19.47	4.3079552
Camden	265 09 15.93	85 16 40.43	4.1970359

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JACKSON COUNTY

DAVIS

On a cultivated hill in Bloomfield township, 12 miles eastward from Jackson, 1½ miles north of Orpheus postoffice, 3 miles of Winchester (Rocky Hill postoffice). Land owned by Evan D. Davis, who lives about 500 feet west, southwest of station. An unobstructed view can be had for many miles toward the north, northwest and west, and comparatively few trees obstruct view southwest.

Station mark: Center of wild cherry signal tree about 500 feet east-northeast of Mr. Davis' residence and 13 feet south of and east and west fence.

(Latitude 38° 58′ 54.17″, Longitude 82° 28′ 47.63″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Lawler	200 26 28.47	20 28 23.27	4.0984524
Graham	294 03 37.74	114 12 13.18	4.3352839
Wagner	358 19 33.89	178 19 50.05	4.3278387

JEFFERSON COUNTY

ELDERS

Situated one-half mile south of the village of Monroeville on land owned by Mr. Elder.

Station mark: A cut marble post 48 by 6 by 6 inches set 40 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 35′ 40.04″, Longitude 80° 50′ 28.10″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Jefferson	26 13 45.61	206 09 16.01	4.3452306
Carrollton	82 57 51.91	262 50 29.70	4.2070630
Kensington	148 30 40.69	328 26 39.02	4.2218375
Hammond	238 50 48.93	58 57 24.93	4.2224370
Allison	269 43 49.10	89 54 31.77	4.3659427
Wintersville	336 29 21.40	156 33 37.87	4.3682786

HOPEDALE

Situated 2 miles west of Bloomingdale on the north side of the

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Bloomingdale and Hopedale pike, on the highest point of hill in cleared field belonging to Mr. S. N. Beall.

Station mark: A cut marble post 24 by 4 by 4 inches sunk 24 inches in the ground. "U. S. G. S." marked on top of post.

(Latitude 40° 19′ 53.80″, Longitude 80° 51′ 19.20″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Cadiz C. H	61 46 20.94	241 40 48.88	4.1388232
Cadiz	69 46 06.04	249 40 19.70	4.1295800
Jefferson	137 22 06.82	317 18 11.04	4.1028039
Wintersville	233 31 31.07	53 36 19.99	4.1166735
New Alexandria	290 17 09.61	110 23 39.92	4.1817202
Mount Pleasant	345 17 50.68	165 20 26.93	4.3534510

New Alexandria

Situated 1 mile southwest of the village of New Alexandria in a cleared field on west side of county road one-fourth mile beyond point at which it leaves the New Alexandria and Bloomingdale pike.

Station mark: A cut marble post 24 by 6 by 6 inches sunk 2 feet under surface of the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

Reference marks: A large tree, true bearing N. 53° 20′ E., distant 272 feet. A small tree, true bearing S. 1° 36′ W., distant 131 feet. An old stump in field, true bearing N. 68° 36′ W., distant 14.7 feet.

(Latitude 40° 17′ 02.55″, Longitude 80° 41′ 15.83″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Mount Pleasant	27 21 07.51	207 17 14.17	4.2700856
Hopedale	110 23 39.92	290 17 09.61	4.1817202
Wintersville	164 08 12.73	344 06 30.92	4.1325490
Independence	286 01 22.01	106 07 03.27	4.1133566
West Liberty	327 04 20.90	147 07 42.89	4.1338982

Wintersville

Situated 2 miles northwest of the village of Wintersville on a cone-shaped hill on land owned by Mr. Mayo. The Wintersville and New Richmond pike passes over east side of hill.

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Station mark: A cut marble post 40 by 6 by 6 inches sunk 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 24′ 05.70″, Longitude 80° 43′ 53.11″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Hopedale	53 36 19.99	233 31 31.07	4.1166735
Jefferson	94 42 21.10	274 33 35.99	4.2824762
Elder	156 33 37.87	336 29 21.35	4.3682786
Hammond	189 27 36.41	9 29 54.97	4.4836287
New Alexandria	344 06 30.92	164 08 12.73	4.1325490

LAKE COUNTY

Fairport Lighthouse (on Bank)

A station of the U. S. Lake Survey. Station mark: Center of lighthouse.

(Latitude 41° 45′ 24.57″, Longitude 81° 16′ 38.79″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Thompson	291 34 06.9	111 43 27.4	4.321094
Little Mountain	358 51 31.5	178 51 38.9	4.111008

Fairport Lighthouse (on Pier)

A station of the U. S. Lake Survey. Station mark: Center of lighthouse.

(Latitude 41° 45′ 41.36″, Longitude 81° 16′ 47.86″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Thompson	292 39 14.8	112 48 41.4	4.329090
Little Mountain	358 00 27.2	178 00 40.9	4.128274

Little Mountain

A station of the United States Lake Survey, situated on Little Mountain, in Mentor township, 4 miles south of Mentor railway station. Height of station used was 104 feet.

Station mark: An iron bolt leaded into the solid rock.

Reference marks: Three stone posts, one N. 28° 11′ E., distant 95

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meters; one S. 81° 41′ E., distant 97.3 meters; and one S. 5° 53′ E., distant 124.2 meters, from the geodetic point. The height of ground at station above mean level of Lake Erie is 674.7 feet.

(Latitude 41° 38′ 26.116″, Longitude 81° 16′ 27.676″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Thompson	254 50 12.90	74 59 25.41	4.2991879
Claridon	317 48 39.07	137 54 52.25	4.2882057

Painesville Congregational Church

A station of the U. S. Lake Survey. Station mark: Center of church spire.

(Latitude 41° 43′ 25.76″, Longitude 81° 14′ 43.37″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Thompson	283 33 05.8	103 39 09.4	4.237763
Little Mountain	14 38 07.3	194 36 57.9	3.980190

Painesville Episcopal Church

A station of the U. S. Lake Survey. Station mark: Center of church spire.

(Latitude 41° 43′ 40.98″, Longitude 81° 14′ 35.16″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Thompson	285 11 11.4	105 19 09.4	4.236066
Little Mountain	15 00 24.7	194 59 09.9	4.002450

Perry

A station of the United States Lake Survey in a piece of woods near shore of Lake Erie, 2½ miles nearly due north of Perry railroad station, and 7⅓ miles east of Fairport. No station erected.

Station mark: A hole drilled in top of a stone post 27 inches below surface. Another post stands over it as a surface mark.

Reference marks: Three stone posts, one N. 78° E., distant 52 meters; one S. 42° E., distant 37.1 meters; and one S. 76° W., distant 17.6 meters from geodetic point. A rail fence running north and south is 123.5 meters distant east of station.

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(Latitude 41° 48′ 04.50″, Longitude 81° 08′ 54.65″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Thompson	325 21 19.7	145 25 31.4	4 187031
Little Mountain	30 26 54.4	210 21 52.9	4 315756

WILLOUGHBY

A station of the United States Lake Survey, situated on the shore of Lake Erie near the mouth of Chagrin River on the west side, and about 3 miles west of north of Willoughby railroad station, in Willoughby township. Height of station used was 107 feet.

Station mark: A stone post underground.

Reference marks: Three stone posts, one S. 86° 4′ E., distant 10.1 meters; one N. 74° 44′ E., distant 45.6 meters; and one N. 13° 25′ W., distant 27 meters from the geodetic point. The lake shore on the northwest is distant 80 meters. Height of ground at station above mean level of Lake Erie is 39.7 feet.

(Latitude 41° 40′ 28.492″, Longitude 81° 26′ 24.852″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Little Mountain	285 13 38.66	105 20 15.59	4.1560578
Chester	335 22 10.08	155 25 34.97	4.2346119

LAWRENCE COUNTY

FRADD

A station of the Coast and Geodetic Survey near line between Lawrence and Aid townships, in Lawrence County, and about 100 yards south of Marion-Vesuvius Furnace road, about 3 miles from Marion, and very near 1 mile west of white school-house on hill. The station is on land belonging to Charles Fradd, who lives in hollow about 0.3 mile southwest from station. There was a 45-foot tripod and scaffold at this station, standing on a bare hill.

Station mark: Earthen pryamid sunk 2½ feet in the ground, and above it a 6-inch tile pipe 2 feet long filled with cement. A 6-inch spike marks the center.

Reference marks: Four 4-inch tile pipes 2 feet long filled with cement.

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The tops of the pipes are level with ground. A nail in center of each is point to which the following measurements were made: North (true), 7.63 feet; east (true), 6.00 feet; south (true), 6.50 feet; west (true), 6.00 feet.

(Latitude 38° 35′ 46.927″, Longitude 82° 33′ 06.031″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Oakland	18 00 13.70	197 56 37.88	4.4352799
Gebhardt	285 51 33.48	106 02 43 60	4.4324666

IRONTON, KELLY'S HOUSE[1]

Located by the U. S. Coast and Geodetic Survey. Station mark: Kelly's House cupola. (No check on this position.)

(Latitude 38° 31′ 59.67″, Longitude 82° 40′ 10.36″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Fradd	235 39 56.00	55 44 20.00	4.094663
Oakland	354 19 06.00	174 19 54.00	4.278771

WRAY

A station in the transcontinental belt of the United States Coast and Geodetic Survey on Johnson Ridge, 2½ miles east of Marion (Aid post-office). Summit nearly cleared, giving a good view in all directions.

Station mark: A pottery pyramid buried 3 feet under ground (no surface mark 1902).

Reference marks: Drain tile pipes 4 inches in diameter, 2 feet long, filled with concrete and buried 22 inches in ground—one north, 5.93 feet distant; one south, 5.99 feet; one east, 5.98 feet; one west, 5.92 feet.

(Latitude 38° 35′ 42.24″, Longitude 82° 27′ 38.91″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Wagner	177 15 29.58	357 15 02.72	4.3360952
Houck	229 30 22.22	49 35 13.43	4.1709604
Gebhardt	291 52 47.45	112 00 33.64	4.2904979

[1]This station from U. S. Coast and Geodetic Publication No. 30, 1915.

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LORAIN COUNTY

Black River Lighthouse

A station of the U. S. Lake Survey. Station mark: Center of lighthouse.

(Latitude 41° 28′ 23.67″, Longitude 82° 11′ 07.39″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Elyria	332 29 22.5	152 30 58.0	3.860407
Brownhelm	47 23 11.8	227 18 20.3	4.143220

Brownhelm

A station of the United States Lake Survey, situated near the center of Brownhelm township, about 1½ miles southerly from the railway depot and one-half mile from corner of lots 44, 45, 52, and 53. Height of station was 124 feet.

Station mark: A stone post underground.

Reference marks: Three stone posts, one S. 87° 31′ E., distant 57.5 meters; one S. 10° 06′ W., distant 14.65 meters; and one S. 53° 41′ W., distant 42.35 meters. Height of ground at station above mean level of Lake Erie is 180.8 feet.

(Latitude 41° 23′ 18.241″, Longitude 82° 18′ 27.890″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Elyria	257 31 43.28	77 38 09.97	4.1432552
Camden	355 36 14.11	175 36 41.86	4.1058799

Camden

A station of the United States Lake Survey, situated near the north side of Camden township, one-half mile northeast of village of Kipton and one-third mile south of corner of lots 5 and 6 in Camden township and 15 and 16 in Henrietta township. Height of station was 106 feet.

Station mark: A brass wire leaded in the solid rock between the letters "U. S." cut therein, 2½ feet below surface. A stone post is directly over this as a surface mark.

Reference marks: Three stone posts, one N. 83° 18′ E., distant 76.8 meters; one S. 8° ′ W., distant 99.8 meters; and one 37° 35′ W., distant

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44.4 meters. Height of ground at station above mean level of Lake Erie is 318.5 feet.

(Latitude 41° 16′ 25.809″, Longitude 82° 17′ 45.864″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Elyria	218 42 43.52	38 48 42.01	4.3043293
Olmsted	247 10 30.62	67 23 58.57	4.4892901
Royalton	262 55 14.82	83 17 25.31	4.6743784
Grafton	285 00 17.09	105 12 14.95	4.4193410

Elyria

A station of the United States Lake Survey, situated in the northwest corner of Elyria township, about 4½ miles west of north of the village of Elyria and 1 mile west of the Baltimore & Ohio R. R. and within the fork of two public roads leading to Charleston and North Amherst. Height of station used was 116 feet.

Station mark: A hole drilled in top of a stone post underground, with a stone post directly over it as a surface mark.

Reference marks: Three stone posts, one N. 19° 44′ E., distant 27.1 meters; one N. 86° 16′ E., distant 9.1 meters; and one S. 12° 35′ E., distant 32.3 meters from the geodetic point. Height of ground at station above mean level of Lake Erie is 182.4 feet.

(Latitude 41° 24′ 55.183″, Longitude 82° 08′ 43.174″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Olmsted	283 26 51.06	103 34 21.47	4.2114579
Grafton	330 33 38.13	150 39 38.73	4.4131222

Grafton

A station of the United States Lake Survey, in northwest part of section 89, in southeast part of Grafton township, 1 mile northwest of the village of Erhart, and 184.5 meters southwest of the track of the Baltimore & Ohio R. R. Height of station used was 110 feet.

Station mark: A hole drilled in the top of a stone post 27 inches below surface, with a stone post directly over it as a surface mark.

Reference marks: Three stone posts, one N. 46° 18′ W., distant 52 meters; one N. 9° 04′ E., distant 71.8 meters; and one S. 72° 03′ E.,

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distant 43.6 meters, from geodetic point. The height of ground above mean level of Lake Erie is 380.7 feet.

(Latitude 41° 12′ 43.969″, Longitude 81° 59′ 36.965″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Olmsted	189 29 14.97	9 30 44.00	4 2791382
Royalton	239 48 22.85	59 58 34.43	4.3970440

Oberlin Congregational Church

A station of the U. S. Lake Survey. Station mark: Center of Spire.

(Latitude 41° 17′ 28.66″, Longitude 82° 13′ 09.63″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Grafton	294 49 29.1	114 58 25.0	4.319307
Camden	73 14 29.3	253 11 27.1	3.827004

LUCAS COUNTY

Cedar Point

A station of the United States Lake Survey, near the end of Cedar Point, on the east side of Maumee Bay. Height of station used was 70 feet.

Station mark: A stone post projecting about 6 inches above the surface is set directly over the point as a surface mark.

Reference marks: Three stone posts, one S. 61° 05′ E., distant 28.8 meters; one N. 61° E., distant 32 meters; and one N. 13° 28′ E., distant 35.5 meters. Height of ground at station above mean level of Lake Erie is 4.5 feet.

(Latitude 41° 42′ 37.595″, Longitude 83° 20′ 05.854″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Middle Sister	240 59 46.89	61 13 05.66	4.5000099
Locust Point	298 54 58.72	119 04 07.32	4.3390423

Toledo, St. Mary's Church

A station of the U. S. Lake Survey. Station mark: Center of church spire.

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(Latitude 41° 39′ 32.853″, Longitude 83° 32′ 02.895″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Bedford	158 37 54.43	338 34 33.09	4.2823242
Cedar Point	250 58 01.65	71 05 58.51	4.2439356

Toledo Stone Longitude Post

A station of the U. S. Lake Survey. Station mark: Center of post.

(Latitude 41° 39′ 04.36″, Longitude 83° 32′ 31″)

West Sister Island Lighthouse

Station located by the U. S. Lake Survey. Station mark: Center of lighthouse.

(Latitude 41° 44′ 12.94″, Longitude 83° 06′ 38.15″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Locust Point	358 16 21.3	178 16 33.0	4.131245
Cedar Point	81 07 13.6	260 58 16.0	4.276440

MEIGS COUNTY

Greenler

On a cultivated ridge in Scipio township, 2½ miles southeast of Harrisonville and 9 miles northwest of Pomeroy. Land owned by the widow Greenler. An extended view can be had in all directions.

Station mark: A stone post 30 by 8 by 8 inches set 28 inches in the ground, in the center of the top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 06′ 36.10″, Longitude 82° 05′ 37.56″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Leonard	49 22 32.39	229 17 11.56	4.2078401
McKnight	131 06 34.33	311 03 11.43	4.0103602
Townsend (2)	179 42 39.02	359 42 36.35	4.3021055
Bond	.....	.....	4.4013817
Melhorn	279 28 14.79	99 41 07.07	4.4750063
Finlay	337 13 28.07	157 19 00.37	4.5174129

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LEONARD

On a partly timbered ridge in Salem township, 12 miles by road west of Middleport, 4 miles north of Eno postoffice. Timber interferes with view northeast and southeast, but in other directions the view is particularly good. Land owned by W. H. Leonard, who lives 300 yards north.

Station mark: A sandstone post 36 by 8 by 8 inches set 34 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, " Ohio."

Reference mark: The poplar signal tree at roadside. True azimuth from station mark, 322° 19′; distance 128.1 feet.

(Latitude 39° 00′ 55.06″, Longitude 82° 14′ 06.67″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Graham	6 39 15.03	186 38 36.75	4.1024633
Wagner	39 34 55.56	219 25 58.48	4.5104457
Lawler	115 35 43.20	295 28 23.01	4.2699658
Zaleski	151 46 12.85	331 39 56.21	4.4807510
McKnight	194 38 18.41	14 40 16.75	4.2510681
Greenler	229 17 11.56	49 22 32.39	4.2078401
Finlay	308 21 37.63	128 32 29.47	4.5039347

MCKNIGHT

A cleared ridge in the northwestern part of Scipio township, 2 miles east of Carpenter postoffice and 5 miles south of Albany. Land owned by Thornton McKnight.

Station mark: A blue-stone post 40 by 8 by 8 inches set 38 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 10′ 14.34″, Longitude 82° 10′ 59.00″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Leonard	14 40 16.75	194 38 18.41	4.2510681
Zaleski	116 35 39.29	296 27 23.36	4.3229316
Townsend (2)	209 42 32.43	29 45 53.05	4.1858081
Greenler	311 03 11.43	131 06 34.33	4.0103602

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MONROE COUNTY

Beallsville

Situated 3 miles east of the town of Beallsville on the highest point of a bare hill on the farm of the Gale brothers.

Station mark: A cut marble post 48 by 6 by 6 inches set 40 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 50′ 49.76″, Longitude 80° 58′ 49.99″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Gallaway	182 29 34.33	2 29 55.83	4.2612655
Jacobsburg	210 24 53.13	30 28 36.52	4.2108474
Myers	221 32 26.97	41 39 03.80	4.3447990
Riggs	269 45 19.11	89 53 56.89	4.2835700
Wiedman	87 09 57.20	267 02 01.79	4.2471021
Newcastle	118 21 49.78	298 18 11.29	3.9639688
Steele	125 11 13.00	305 01 44.45	4.4179181
Bryan	155 16 01.67	335 13 05.87	4.1914760

Dillon

Station mark: The chimney on Mr. J. D. Dillon's residence, 1 mile south of Way postoffice.

(Latitude 39° 37′ 40.67″, Longitude 81° 10′ 31.26″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Moore	19 50 50.56	199 47 41.01	4.3215874
Laws	65 40 13.26	245 36 29.65	3.9630466
Tank	216 55 13.70	36 57 28.00	3.9554300
High Knob	282 34 05.00	102 39 53.00	4.12445
Glass	332 17 56.67	152 19 54.03	3.9758125

High Knob

About 4 miles by road northwest of Sistersville, W. Va., on a prominent Knob having two large wooden tanks on its summit.

Station mark: Wooden projection 5 feet square on southeast side of eastern tank, top about 4 feet higher than top of tank.

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(Latitude 39° 36′ 05.63″, Longitude 81° 01′ 26.40″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Glass	57 43 14.2	237 39 24.4	4.00798
Dillon	102 39 53.00	282 34 05.00	4.12445
Laws	87 46 51.7	267 37 20.9	4.33012
Flag N	230 51 47.3	50 55 25.0	4.02074
Pollock	279 41 54.3	99 44 56.3	3.83962
Smith	336 01 36.3	156 02 57.6	3.87521
Owls Head	....	.....	4.27736

JERUSALEM SCHOOLHOUSE

(Not occupied.)

Schoolhouse in Jerusalem, Sunbury township.

Station mark: Center of cupola.

(Latitude 39° 50′ 54.00″, Longitude 81° 06′ 06.45″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Wiedman	81 59 06.96	261 55 51.27	3.8653255
Newcastle	208 14 14.47	28 15 15.85	3.6820293

ST. JOHNS

(Not occupied.)

St John's Church, situated about one-half mile west of village of Miltonsburg.

Station mark: Center of church spire.

(Latitude 39° 50′ 15.20″, Longitude 81° 10′ 32.48″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Steele	163 40 24.15	343 38 16.46	4.2252598
Newcastle	237 40 56.39	57 44 48.27	4.0073924
Wiedman	.. ..	....	2.9781631

TANK

On the highest knob 6 miles south of Woodsfield and 5 miles northeast of Graysville. There are two tanks on top of the knob. The one located is the farthest west and is painted white.

Station mark: Center of tank.

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(Latitude 39° 41′ 34.6″, Longitude 81° 06′ 43.7″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Glass	3 48 12	183 47 44	4.19380
Dillon	36 57 28	216 55 14	3.95543
Laws	51 27 48	231 21 39	4.24646

WIEDMAN

Situated on a cleared hill in Malaga township, about 1.5 miles northwest of village of Miltonsburg. Land owned by Mr. Wiedman.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 50′ 20.74″, Longitude 81° 11′ 11.82″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Calland	71 34 31.64	251 29 17.30	4.0901708
Tucker	100 57 09.79	280 49 22.91	4.2463136
Warehime	130 14 07.62	310 06 46.06	4.3304252
Steele	166 38 26.80	346 36 44.38	4.2146469
Newcastle	241 04 21.24	61 08 38.37	4.0370559
Beallsville	267 02 01.79	87 09 57.20	4.2471021

MUSKINGUM COUNTY

SAGO

On a bald hill 4 miles southwest of the village of Sago, on land owned by J. W. Carnes.

Station mark: A limestone post 40 by 7 by 7 inches set 39 inches in the ground, in the center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 00′ 42 40″, Longitude 81° 46′ 55.70″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Kennedy	207 11 33.69	27 14 31.91	4.1566993
College	254 49 29.58	74 54 42.29	4.0771353
Claysville	311 50 42.87	131 54 42.28	4.0746717

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NOBLE COUNTY

CALLAND

Situated on a high cleared hill in Seneca township, about 1 mile northeast of village of Summerfield, near the Noble-Monroe county line. Land owned by Mrs. Martha Calland.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 48′ 14.31″, Longitude 81° 19′ 22.61″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Fulda	53 35 25.20	233 32 02.90	3.9709420
Pleasant	87 36 24.91	267 31 42.37	4.0215172
Tucker	142 01 12.68	321 58 40.51	3.9625705
Warehime	165 10 18.15	345 08 11.50	4.2628296
Steele	201 35 53.45	21 39 25.88	4.3293954
Wiedman	251 29 17.30	71 34 31.64	4.0901708

COFFEY

Situated in Jefferson township, about 2 miles east of Macksburg and near the Noble-Washington county line. It is on a knob at the southern end of what is locally known as Coffey Ridge. Land belongs to the Coffey Brothers. A house surrounded by a peach orchard occupies the whole summit knob.

Station mark: A stone post 15 by 6 by 6 inches set 15 inches in the ground, with a cross cut on upper surface.

Reference mark: The south chimney of house; distance from station 69 feet; azimuth 121° 43′.

Subsurface mark: An aluminum bolt buried 2 feet below surface underneath station mark.

(Latitude 39° 38′ 20.51″, Longitude 81° 25′ 56.23″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Dovenbecker	21 34 03.43	201 32 41.16	3.9232258
Coffee Knob	134 02 58.60	313 58 36.21	4.1340788
Fulda	188 13 57.47	8 14 46.99	4.1102507
Laws	290 04 00.35	110 10 06.45	4.1639102

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Coffee Knob

Situated in Olive township on summit of hill known locally as Coffee Knob. Land belongs to John Hughes and is covered with a peach orchard.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 43′ 27.31″, Longitude 81° 32′ 47.22″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Gregg	193 41 15.25	13 43 14.30	4.2709766
Pleasant	225 47 16.75	45 51 09.15	4.0813436
Fulda	254 08 13.79	74 13 26.06	4.0823867
Coffey	313 58 36.21	134 02 58.60	4.1340788
Dovenbecker	338 41 35.73	158 44 36.15	4.2675872
Fulda Church	270 09 40.00	90 14 41.00	4.0496191

Fulda

Situated on a cleared hill in Enoch township about 2 miles north of Fulda postoffice. Land owned by Mr. Bates.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 45′ 14.16″, Longitude 81° 24′ 38.75″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Coffey	8 14 46.99	188 13 57.47	4.1102507
Dovenbecker	13 29 38.34	193 27 26.49	4.3249454
Coffee Knob	74 13 26.06	254 08 15.79	4.0823867
Pleasant	149 46 36.80	329 45 16.75	3.7718484
Tucker	188 18 59.48	8 19 49.89	4.1112795
Calland	233 32 02.90	53 35 25.20	3.9709420
Laws	326 17 40.64	146 22 57.69	4.3294759

Fulda Church Spire (Not occupied.)

In village of Fulda. Station mark: Center of church spire.

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(Latitude 39° 43′ 26.01″, Longitude 81° 24′ 56.52″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Coffee Knob	90 14 41.03	270 09 40 22	4.0496191
Fulda △	187 13 47.17	7 13 58.53	3.5265941

GREGG

Situated on a cleared hill in Buffalo township about 4 miles south of Senecaville and near the Noble-Guernsey county line. Hill partly covered by an orchard. Land owned by Walter Gregg.

Station mark: A boulder 20 by 10 by 8 inches set in the ground, and having a cross (+) cut on its upper surface.

Subsurface mark: A bronze triangulation tablet buried 2 feet below surface immediately underneath cross on boulder.

(Latitude 39° 53′ 15.23″, Longitude 81° 29′ 41.50″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Coffee Knob	13 43 14.30	193 41 15.25	4.2709766
Warehime	229 51 54.19	49 56 24.57	4.1165523
Tucker	282 43 32.96	102 47 37.40	3.9679631
Pleasant	336 31 55.44	156 33 49.16	4.0254160

PLEASANT

Situated on a high hill, with a few scattering trees on its summit, in Center township, about 2 miles southeast of Sarahsville.

Station mark: A stone post 30 by 6 by 6 inches set 30 inches in the ground, in center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 47′ 59.84″, Longitude 81° 26′ 43.92″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Coffee Knob	45 51 09.15	225 47 16.75	4.0813436
Gregg	156 33 49.09	336 31 55.44	4.0254160
Warehime	197 40 49.35	17 43 25.93	4.2799538
Tucker	212 14 38.28	32 16 48.80	3.9579200
Calland	267 31 42.37	87 36 24.91	4.0215172
Fulda	329 45 16.75	149 46 36.80	3.7718484

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SUMMERFIELD SCHOOLHOUSE (Not occupied.)

Station mark: Center of schoolhouse in village of Summerfield.

(Latitude 39° 47′ 55.47″, Longitude 81° 20′ 16.71″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Tucker	150 49 58.53	330 48 01.02	3.9516327
Calland	245 41 23.24	65 42 07.87	3.1498794

TUCKER

Situated on a partly cleared hill in Seneca township, about 3 miles northeast of Mount Ephraim postoffice. Land owned by John Tucker.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 52′ 08.72″, Longitude 81° 23′ 20.21″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Pleasant	32 16 48.80	212 14 38.28	3.9579200
Gregg	102 47 37.40	282 43 32.96	3.9679631
Warehime	185 11 04.50	5 11 30.20	4.0219463
Steele	226 53 52.54	46 59 57.57	4.2667725
Calland	321 58 40.51	142 01 12.68	3.9625705
Fulda	8 19 49.89	188 18 59.48	4.1112795

OTTAWA COUNTY

DANBURY

A station of the United States Lake Survey, situated in Danbury township, about 2 miles northeast of Danbury railroad station, on the Lake Shore & Michigan Southern Ry., and two-thirds of a mile southwest of corner lots 3, 4, 9, and 10. Height of station used was 116 feet.

Station mark: A stone of usual form set so that its top is 3 feet below surface. Another stone is set directly over it as a surface mark.

Reference marks: Three stone posts, one S. 82° 20′ E., distant 61.57 meters; one N. 57° 24′ E., distant 67.57 meters; and one S. 3° 36′ W., distant 9.84 meters from the geodetic point. Height of ground at station above mean level of Lake Erie is 21.4 feet.

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(Latitude 41° 31′ 11.744″, Longitude 82° 50′ 19.452″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Kelleys Island	231 37 21.09	51 43 02.78	4.1822183
West Base	287 00 31.32	107 06 43.65	4.1345506
East Base	297 03 16 31	117 11 23.59	4.2827682
Sandusky	328 58 10.76	149 01 41.03	4.1555642

Green Island Lighthouse

A station of the U. S. Lake Survey. Station mark: Center of lighthouse.

(Latitude 41° 38′ 43.75″, Longitude 82° 52′ 03.22″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Locust Point	80 27 06.4	260 17 36.9	4.303806
Middle Sister	153 37 22.3	333 32 00.2	4.399982

Locust Point

A station of the United States Lake Survey, on the south shore of Lake Erie, on Locust Point, about 10 meters back from the lake. Height of station used was 41 feet.

Station mark: A stone post of the usual form, 3 feet below the surface of the ground.

Reference marks: Three stone posts, one S. 64° 41′ E., distant 45 meters; one S. 18° 26′ W., distant 24.3 meters; and one N. 86° 30′ W., distant 24.3 meters. The height of ground at station above Lake Erie is about 2 feet.

(Latitude 41° 36′ 54.640″, Longitude 83° 06′ 20.540″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Middle Bass Island	251 04 19.37	71 17 01.25	4.4474880
Danbury	295 19 17.71	115 29 55.39	4.3918742

Middle Bass Island

A station of the United States Lake Survey situated on Middle Bass Island in western end of Lake Erie, on north side of island, 650 meters from eastern end. The height of station used was 75 feet.

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Station mark: A nail leaded into the solid rock 2½ feet below surface.

Reference marks: Two stone posts, one N. 79° 26′ E., distant 17.5 meters; and one S. 81° 06′ W., distant 23.05 meters from the geodetic point. The height of ground at station above the mean level of Lake Erie is 7.8 feet.

(Latitude 41° 41′ 47.675″, Longitude 82° 47′ 14.266″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Kelleys Island	323 07 12.41	143 10 51.61	4.1047186
West Base	339 41 25.96	159 45 36.01	4.4010292
Danbury	12 20 45.84	192 18 42.87	4.3028141

SCIOTO COUNTY

Portsmouth Davis Distillery[1]

Located by the Coast and Geodetic Survey. Station mark: Chimney. (No check on this position.)

(Latitude 38° 45′ 05.17″, Longitude 83° 01′ 37.59″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Springville	325 01 52.00	145 02 49.00	3.58814
Scioto	112 16 59.00	302 16 05.00	3.39037

Portsmouth Davis Steel Works[1]

Located by the Coast and Geodetic Survey. Station mark: Chimney. (No check on this position.)

(Latitude 38° 43′ 57.46″, Longitude 83° 00′ 30.14″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Springville	331 28 34.00	151 28 49.00	3.09237
Scioto	132 32 34.00	312 30 58.00	3.70153

Portsmouth First Presbyterian Church[1]

Located by the Coast and Geodetic Survey. Station mark: Corner Third and Court Streets. (No check on this position.)

[1]This station from U. S. Coast and Geodetic Publication No. 30, 1915.

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(Latitude 38° 43′ 56.21″, Longitude 83° 00′ 03.98″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Springville	2 15 37.6	182 15 36.5	3.020714
Scioto	128 25 00.9	308 23 08.5	3.743176

PORTSMOUTH GERMAN CATHOLIC CHURCH[1]

Located by the Coast and Geodetic Survey. Station mark: West gable of tower. (No check on this position.)

(Latitude 38° 44′ 03.56″, Longitude 83° 00′ 09.82″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Springville	355 31 16.0	175 31 18.6	3.106771
Scioto	127 26 26.9	307 24 38.1	3.723041

GOULD

A station of the Coast and Geodetic Survey situated on hills east of Ohio River, about 1.5 miles (air line) from the river at Franklin Furnace landing. The land formerly belonged to O. B. Gould, but was sold in 1884 to Means, Kyle & Co., of Hanging Rock. The hill is covered with large timber of second growth, and a tripod 65 feet high with scaffold was erected to see above trees. To reach station from Franklin Furnace take road to Powellsville 1 mile, and turn to right at Mr. Howard's house, following old road to Junior Furnace 0.25 mile; turn to right here up hill to station about 0.5 mile.

Station mark: Pottery pryamid sunk 3 feet below surface. Above this is a piece of sewer pipe 6 inches in diameter, filled with concrete, with nail in its center. Other pieces of sewer pipe 4 inches in diameter, filled with concrete, are sunk at following distances and directions: North (true), 6.08 feet; south (true), 6.11 feet; east (true), 5.78 feet; west (true), is a brass rod one-fourth inch in diameter, driven into smooth top of an oak stump and surrounded by a triangle of nails, distant 5.77 feet.

(Latitude 38° 38′ 27.582″, Longitude 82° 49′ 56.728″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Fradd	281 21 56.10	101 32 26.91	4.3970300
Buena Vista	355 09 35.66	175 10 34.86	4.4368167
Scioto	125 35 09.49	305 26 57.47	4.3634959

[1]This station from U. S. Coast and Geodetic Publication No. 30, 1915.

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North Meridian

A Coast and Geodetic Survey station. The angle Springville-Scioto was measured here to check closing only. A line was then laid off, making an angle of 40° 47′ 20″ with Springville and 108° 33′ 35″ with Scioto, which is due south from North Meridian, within a few seconds. This meridian line is for the use of the county, and was laid off at the request of the county commissioners, in the grounds of the Children's Home, in the southeastern part of the city of Portsmouth. The ends of this meridian line are marked by large stone posts 12 by 12 inches on top and 8 feet long. The northern one projects about 3.5 feet above the ground and the southern one about 2 feet. Brass bolts are inserted to mark the center.

(Latitude 38° 44′ 38.845″, Longitude 82° 58′ 41.303″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Springville	40 47 18.42	220 46 25.62	3.4942173
Scioto	108 33 31.80	288 30 47.59	3.8248232

Portsmouth Courthouse

Located by the Coast and Geodetic Survey. Station mark: Center of dome of courthouse.

(Latitude 38° 44′ 06.18″, Longitude 83° 00′ 01.74″. No check on this position)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Springville	4 01 28.2	184 01 25.7	3.133157
Scioto	125 30 04.2	305 28 10.4	3.731911

Portsmouth First Presbyterian Church

Located by the Coast and Geodetic Survey. Station mark: Center of spire on First Presbyterian Church at Third and Court Streets.

(Latitude 38° 43′ 56.21″, Longitude 83° 00′ 03.98″. No check on this position)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Springville	2 15 37.6	182 15 36.5	3.020714
Scioto	128 25 00.9	308 23 08.5	3.743176

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Portsmouth, North Meridian[1]

In the grounds of the Children's Home in the southeast part of the city of Portsmouth. The station is marked by a brass bolt in the top of a stone post 12 inches square and 8 feet long which projects 3½ feet above the surface of the ground. (No check on this position.)

(Latitude 38° 44′ 38.845″, Longitude 82° 58′ 41.303″)

To Station	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Springville	40 47 18.42	220 46 25.62	3.4942173
Scioto	108 33 31.80	288 30 47.59	3.8248232

Portsmouth, South Meridian[1]

In the grounds of the Children's Home in the southeast part of the city of Portsmouth, a short distance south of *Portsmouth north meridian* described above. The station is marked by a brass bolt in the top of a stone post 12 inches square and 8 feet long which projects 2 feet above the surface of the ground. (No check on this position.)

(Latitude 38° 44′ 33.4″, Longitude 82° 58′ 41.3″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
North Meridian	179 59 57.00	359 59 57.00	2.2227

Scioto

A Coast and Geodetic Survey station on land of George Davis, about 1.5 miles west of his distillery, on the west side of the Scioto River, at a point about 1.5 miles northwest of Portsmouth. Station can be reached from Union Mills (west side) by wagon road up Hygean Creek about 0.8 mile to the last of the row of frame houses, from that point by a very rough road along the side hill northward 0.5 mile to the foot of the main ridge, thence by a very steep rough road up this ridge to top, and thence along top of ridge about a mile to station.

Signal: Floor of scaffold 96 feet high. Theodolite elevated 100 feet from ground. Lines were opened to Peach Mount station (19 miles) by cutting on five ridges, and to Twin Creek station (13 miles) by cutting on two ridges. Fradd, Gould, Howland, Round Top, and Springville stations and the whole of the city of Portsmouth are open.

Station mark: A pottery pyramid sunk below the surface, over which was placed a 6-inch draintile pipe, 2 feet long, filled with concrete. Center is marked by an iron spike.

[1]This station from U. S. Coast and Geodetic Publication No 30, 1915.

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Reference marks: A 4-inch pipe north 6.29 feet, and similar pipes south, east, and west, 6.18, 6.25, and 6.11 feet distant, respectively, from station. These four pipes were filled with concrete and a nail marks the center of each.

(Latitude 38° 45′ 47.719″, Longitude 83° 03′ 03.622″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Round Top	39 13 21.31	219 07 22.42	4.3418228
Fradd	292 56 07.10	113 14 50.55	4.6742640
Gould	305 26 57.47	125 35 09.49	4.3684959
Howland	339 58 48.81	160 01 08.36	4.1978529

PORTSMOUTH SIXTH STREET METHODIST CHURCH[1]

Located by the Coast and Geodetic Survey. Station mark: Church spire. (No check on this position.)

(Latitude 38° 44′ 05.65″, Longitude 82° 59′ 46.89)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Springville	18 43 41.2	198 43 29.4	3.150443
Scioto	123 32 36.3	303 30 33.2	3.755778

SUMMIT COUNTY

Longitude Station at Hudson. (Observatory of Western Reserve Academy.)

(Latitude 41° 14′ 37.6″, Longitude 81° 26′ 13.9″. Primary Traverse value)

TRUMBULL COUNTY

MESOPOTAMIA

A station of the United States Lake Survey in section 57, Mesopotamia township, one-third mile east of the west line and one-half mile south of he center line of township, and 4 miles east of village of Middlefield. Height of station used was 70 feet.

Station mark: Marked in usual manner (a stone post underground, with a stone post over it as a surface mark).

Reference marks: Three stone posts, one N. 23° 23′ W., distant 102.6 meters; one N. 9° 51′ E., distant 96 meters; and one S. 20° 40′ E., distant 129.4 meters from the geodetic point. Height of ground at station above mean level of Lake Erie is 599.2 feet.

[1]This station from U. S. Coast and Geodetic Publication No 30, 1915.

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(Latitude 41° 26′ 59.746″, Longitude 80° 59′ 53.152″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Thompson	171 50 33.52	351 48 45.12	4.4253533
Andover	239 59 55.10	60 15 25.71	4.5742703

TUSCARAWAS COUNTY

Baldwin

About 7 miles northeast from Uhrichsville, on a bald hill 100 yards east of ridge road, on land owned by David Baldwin.

Station mark: A sandstone post 36 by 6 by 6 inches set 33 inches in the ground, in the center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 27′ 01.37″, Longitude 81° 17′ 28.00″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Wainwright	75 00 27.85	254 54 15.71	4.1462651
Bowerston	308 57 08.21	129 01 07.70	4.0493365
Uhrichsville	355 40 02.51	175 40 20.53	3.9386187

Booth

On a sharp, bald knob, 5 miles southeast from Newcomerstown, one-fourth mile south from Booth postoffice, and 400 feet southeast of Mr. Walter's residence, on land owned by him.

Station mark: A sandstone post 36 by 7 by 7 inches set 34 inches in the ground, in center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 13′ 26.69″, Longitude 81° 32′ 56.37″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Kennedy	50 57 10.87	230 51 07.97	4.2342578
Widder	103 17 39.33	283 15 05.76	3.7615799
Wasen	166 55 12.11	346 53 04.26	4.2784021
Stone Creek	179 22 08.98	359 22 03.72	4.2391088
Gilmore	228 11 04.90	48 15 13.50	4.0860014
Midway	352 05 52.54	172 07 03.12	4.2759110

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GILMORE

On a bald knob one-third mile north of the village of Gilmore, 300 feet from where road elbows to east going from Gilmore.

Station mark: A sandstone post 36 by 6 by 6 inches set 33 inches in the ground, in the center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 17′ 50.02″, Longitude 81° 26′ 31.76″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Widder	65 15 18.37	245 08 36.06	4.2095562
Port Washington	107 14 03.00	287 11 28.00	3.7758800
Stone Creek	134 52 35.59	314 48 21.35	4.1164240
Wainwright	176 58 27.78	356 58 08.37	4.1267768
Uhrichsville	238 12 02.93	58 18 12.91	4.2004975
Tippecanoe	284 58 09.52	105 05 05.88	4.1973700
Booth	48 15 13.50	228 11 04.90	4.0860014

PORT WASHINGTON (Not occupied.)

A lone tree on prominent bald mound about 2 miles south of the village of Port Washington, on east side of river.

Station mark: Center of lone tree.

(Latitude 40° 18′ 47.30″, Longitude 81° 30′ 33.18″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Widder	46 27 45.00	226 23 39.00	4.09426
Wasen	138 16 26.00	318 12 55.00	4.06184
Stone Creek	154 24 37.00	334 22 59.00	3.91720
Gilmore	287 11 28.00	107 14 03.00	3.77588

STONE CREEK

On a bald mound 1¼ miles southeast of the village of Stone Creek 100 yards east of road.

Station mark: A sandstone post 36 by 6 by 6 inches set 34 inches in the ground, in center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio."

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(Latitude 40° 22′ 48.92″, Longitude 81° 33′ 04.48″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Widder	18 43 44.26	198 41 15.69	4.2281117
Wasen	105 39 23.20	285 37 30.42	3.6297872
Wainwright	244 04 51.38	64 08 46.51	3.9781630
Gilmore	314 48 21.35	134 52 35.59	4.1164240
Port Washington	334 22 59.00	154 24 37.00	3.9172000
Booth	359 22 03.72	179 22 08.98	4.2391088

Uhrichsville

On bald hill about 4 miles nearly east from Uhrichsville, 200 feet west of Ridge road, on land owned by Mr. Cox, and 200 yards north of his residence.

Reference mark: A sandstone post 36 by 6 by 6 inches set 30 inches in the ground, in center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio." Distance from tree, 26.6 feet; true azimuth 56° 10′ 30″.

Station mark: A lone white oak tree 14 inches in diameter, from which reference mark bears S. 56° 10′ W. Distance from tree to mark 26.6 feet. (Angles were reduced to tree, which thus became station.)

(Latitude 40° 22′ 20.70″, Longitude 81° 17′ 00.20″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Gilmore	58 18 12.91	238 12 02.93	4.2004975
Wainwright	109 32 49.03	289 26 19.17	4.1775531
Baldwin	175 40 20.53	355 40 02.51	3.9386187
Bowerston	258 40 32.66	78 44 13.95	3.9146861
Tippecanoe	352 09 53.49	172 10 40.33	4.0986574

Wainwright

In a field owned by the Wainwright Coal Company, and about 1½ miles west of the mine and postoffice of same name.

Station mark: A sandstone post 36 by 6 by 6 inches set 34 inches in the ground, in the center of top which is countersunk and cemented a bronze triangulation tablet, "Ohio."

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(Latitude 40° 25′ 03.52″, Longitude 81° 27′ 01.78″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Stone Creek	64 08 46.51	244 04 51.38	3.9781630
Wasen	76 42 24.37	256 36 36.39	4.1142974
Baldwin	254 54 15.71	75 00 27.85	4.1462651
Uhrichsville	289 26 19.17	109 32 49.03	4.1775531
Gilmore	356 58 08.37	176 58 27.78	4.1267768

Wasen

About 2½ miles nearly west from the village of Stone Creek on high knob in field 400 feet southeast from Mr. Wasen's residence.

Station mark: A sandstone post 36 by 6 by 6 inches set 36 inches in the ground, in center of top of which is countersunk and cemented a bronze triangulation tablet, "Ohio."

(Latitude 40° 23′ 26.19″, Longitude 81° 35′ 58.61″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Widder	4 22 43.79	184 22 07.82	4.2359074
Wainwright	256 36 36.39	76 42 24.37	4.1142974
Stone Creek	285 37 30.42	105 39 23.20	3.6297872
Port Washington	318 12 55.00	138 16 26.00	4.0618400
Booth	346 53 04.26	166 55 12.11	4.2784021

VINTON COUNTY

Lawler, Near Jackson County Line

A secondary station on a flat, partly timbered ridge 8 miles by road east-southeast of Wellston postoffice, land owned by Frank Lawler, but rented by Jim Kennison.

Station mark: South chimney on two-story house with red tin roof.

(Latitude 39° 05′ 15.32″, Longitude 82° 25′ 45.35″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Davis	20 28 23.27	200 26 28.47	4.0984524
Leonard	295 28 23.01	115 35 43.20	4.2699658
Graham	323 15 25.71	143 22 07.04	4.4097687

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ZALESKI

A knob locally well known as the Pinnacle, 1½ miles south of Zaleski railroad station. Nearly all timber was cut down and one chestnut tree left for signal. An extended view can be had in all directions, excepting north 30° east to north 55° east which is limited by a flat timbered ridge 2 miles distant.

Station mark: A marble post 30 by 6 by 6 inches set 20 inches in the ground, top marked.

U S
C & G S

Reference mark: The chestnut signal tree; azimuth from station mark, 237° 08′; distance 32.8 feet.

(Latitude 39° 15′ 18.96″, Longitude 82° 24′ 03.47″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Barton	158 09 14.12	338 05 36.66	4.3433070
McDaniel	205 26 11.15	25 29 15.51	4.2098137
Townsend (2)	261 26 53.85	81 38 31.23	4.4264864
McKnight	296 27 23.36	116 35 39.29	4.3229316
Leonard	331 39 56.21	151 46 12.85	4.4807510

WASHINGTON COUNTY

DOVENBECKER

Situated about 5 miles southwest of Macksburg in pasture field on a high, cleared hill. Land owned by William Dovenbecker.

Station mark: A sandstone post 48 by 6 by 6 inches, set 48 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

(Latitude 39° 34′ 07.79″, Longitude 81° 28′ 05.23″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Coffee Knob	158 44 36.15	338 41 35.73	4.2675872
Fulda	193 27 26.49	13 29 38.34	4.3249454
Coffey	201 32 41.16	21 34 03.43	3.9232258
Laws	260 32 30.54	80 39 58.60	4.2307093
Moore	306 00 36.00	126 08 37.09	4.3492957

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Glass

On north end of ridge, 0.5 mile east of Glass postoffice and 100 feet south of road.

Reference mark: A sandstone post 36 by 8 by 8 inches set 36 inches in the ground, with cross cut in center of top. Azimuth, 166° 50′; distance, 14.3 feet.

Station mark: Chimney on a small frame house owned by John Newel, 14 feet south of reference mark. (Angles reduced to chimney.)

(Latitude 39° 33′ 09.09″, Longitude 81° 07′ 27.10″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Moore	45 26 59.54	225 21 53.00	4.2086840
Laws	109 48 40.00	289 42 59.25	4.1324413
Dillon	152 19 54.03	332 17 56.67	3.9758125
Tank	183 47 44.00	3 48 12.00	4.1938000
High Knob	237 39 24.40	57 43 14.20	4.0079800
Smith	276 51 34.5	96 56 45.4	4.0698700

Laws

Situated on a high, cleared, flat-topped hill in Liberty township, about three-quarters of a mile south of the village of Lebanon. Land owned by Mr. Laws.

Reference mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio." Distance to center of tree, 1.4 feet; true azimuth, 170° 43′. (Angles were reduced to tree by computer.)

Station mark: A dead oak tree.

(Latitude 39° 35′ 37.83″, Longitude 81° 16′ 21.98″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Pinkerton	50 51 42.70	230 41 51.34	4.4572810
Dovenbecker	80 39 58.60	260 32 30.54	4.2307093
Coffey	110 10 06.45	290 04 00.35	4.1639102
Fulda	146 22 57.69	326 17 40.64	4.3294759
Moore	355 27 25.12	175 27 58.83	4.2038199

Moore

Situated 4 miles north of Newport, Ohio, on a high cleared knob owned by Mr. Moore and known locally as Moore's Hill.

Station mark: A sandstone post 48 by 8 by 8 inches set 48 inches in

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the ground, and in the center of top of which is cemented a bronze trian gulation tablet, " Ohio."

(Latitude 39° 27′ 00.99″, Longitude 81° 15′ 29.00″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Pinnacle	24 47 56.51	204 43 50.23	4.3462483
Seffens	64 45 45.97	244 33 51.52	4.4743073
Pinkerton	84 46 38.67	264 36 14.56	4.3728093
Dovenbecker	126 08 37.09	306 00 36.00	4.3492957
Laws	175 27 58.83	355 27 25.12	4.2038199
Owlshead	272 39 24.48	92 50 53.05	4.4140545
McCullough	308 27 51.47	128 34 48.44	4.3030833
Griffith	354 57 28.03	174 57 55.01	4.0637096

NOLAN

Situated in Dunham township, about 2 miles west of Veto postoffice and 4 miles southwest of Vincent railroad station. Summit of hill occupied by house surrounded by shade and fruit trees. Land owned by R. E. Sutton.

Station mark: A stone post 40 by 6 by 6 inches set 36 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

Reference mark: Chimney on north end of house; distance from station mark, 34 feet; true azimuth from station mark, 142° 29′ 20″.

(Latitude 39° 20′ 38.11″, Longitude 81° 42′ 39.55″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Lyons	36 33 16.71	216 30 09.55	4.0753794
Bond	46 14 13.62	226 08 49.91	4.2298152
Southland	109 14 36.48	289 09 05.68	4.1212888
Goff	314 58 46.74	135 04 44.31	4.2822068
Wigal	350 54 54.61	170 56 08.43	4.2486674

PINKERTON

Situated about 4 miles northwest of Marietta and 2 miles south of Churchtown on Pinkerton farm, 600 feet west of Pinkerton residence.

Station mark: A sandstone post 48 by 8 by 8 inches set 48 inches in the ground, and in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

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(Latitude 39° 25′ 50.23″, Longitude 81° 31′ 51.42″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Goff	4 55 52.16	184 54 59.34	4.3666186
Seffens	17 59 25.94	197 57 54.99	4.0458915
Nolan	58 13 59.25	238 07 08.00	4.2613741
Dovenbecker	199 23 14.85	19 25 38.76	4.2113735
Laws	230 41 51.34	50 51 42.70	4.4572810
Moore	264 36 14.56	84 46 38.67	4.3728093
Griffith	290 46 50.36	110 57 40.75	4.4191325
Pinnacle	321 34 57.99	141 41 14.67	4.3601976

Seffens

Situated on the summit of a cleared hill in Dunham township about 1 mile west of Constitution railroad station. Land owned by William Seffens.

Station mark: A stone post 30 by 8 by 8 inches set 30 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet, "Ohio."

Reference mark: The southern one of three trees which occupy the extreme summit of hill; distance from station mark, 3.1 feet; true azimuth from station mark, 46° 22′.

(Latitude 39° 20′ 07.43″, Longitude 81° 34′ 14.77″)

To Station—	Azimuth	Back Azimuth	Log. Distance
	° ′ ″	° ′ ″	*Meters*
Nolan	94 31 08.23	274 25 48.26	4.0836942
Pinkerton	197 57 54.99	17 59 25.94	4.0458915
Moore	244 33 51 52	64 45 45.97	4.4743073
Pinnacle	292 39 17.80	112 47 04.89	4.2822967
Goff	353 29 10.61	173 29 48.59	4.1032735

WILLIAMS COUNTY

Boundary Post on Indiana-Ohio State Line, De Kalb County

(De Kalb County, Indiana)

Station mark: Indiana-Ohio State line post near Butler, De Kalb County, Ind.

(Latitude 41° 26′ 13.73″, Longitude 84° 48′ 08.60″. Astronomic value)

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PART II

Positions from Primary Traverse

Arranged by Quadrangles

See Red Map in Pocket

Note. Figures giving latitude and longitude of a point are themselves the best means of finding the point on any map.

All primary traverse data furnished from field notes of United States Geological Survey.

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PRIMARY TRAVERSE IN OHIO

Akron Quadrangle

Akron to Wadsworth via Erie R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Akron, Union Station	41 04 58.7	81 30 33.8
Akron, courthouse grounds, *south meridian mark*	41 04 44.3	81 31 04.0
Akron, courthouse grounds, *north meridian mark*	41 04 47.8	81 31 04.0
Akron, 2⅞ miles w. of E. Ry.station; old canal crossing	41 02 46.1	81 32 34.7
Milepost 18, 2,200 ft. s w. of; road crossing on B. & O. Ry	41 01 56.4	81 34 51.1
Barberton station	41 01 13.2	81 36 35 5
Sherman station	41 00 50.4	81 40 04.0
Wadsworth station	41 01 02.7	81 43 45.6

Barberton north along highways.

	° ′ ″	° ′ ″
Barberton, at right side of main entrance stairway to Barberton Inn, in face of support to veranda; aluminum tablet stamped **"Prim. Trav. Sta. No. 50. 981 Cleveland"**	**41 00 47.0**	**81 36 39.7**
Barberton, Erie R. R. station	41 01 13.2	81 36 36.5
Barberton, 1½ miles west of; road crossing on E. Ry	41 01 08.6	81 38 19.3
Loyal Oak, (Bates cors.) crossroads at; 46 ft. n. e. to guidepost, 47 feet s. e. to n. w. corner of porch of hotel	41 03 01.6	81 38 16.9
Norton-Copley township line, T road west, 13 ft. s. w. to s. end of culvert, 33 ft. n.w. to apple tree at fence corner	41 03 43.9	81 38 16.5
Miksch's mills, forks of road north of, 30 feet east to corner of yard fence, 60 feet south to guidepost	41 04 28.0	81 38 21.4
Copley, in southwest corner of Disciples Church; aluminum tablet stamped **"Prim. Trav. Sta. No. 51. 1049 Cleveland"** (elevation 1,049.163)	**41 05 58.5**	**81 38 39.5**
Montrose, crossroads at Copley-Bath township line, 39 feet southeast to cross on telegraph pole, 45 feet northwest to F. Collin's mail box	41 08 08.9	81 38 15.2
Ghent, T road west, 24 ft. s. e. to n. w. corner of water trough, 41 feet s. w. to n. e. corner of porch of store	41 09 29.6	81 38 14.0
Bath High School, crossroads at, 28 ft. s. e. to cross on telegraph pole, 43 ft. s. w. to cherry tree at fence corner	41 10 08.4	81 38 13.4
Hammonds Corners (Bath), crossroads at, 45 ft. to n. e. cor. of porch of Bath Hotel, 39 ft. n. w. to guidepost	41 11 20.4	81 38 12.0
Bath and Richfield townships, crossroads at, 90 ft. e. to Wm. Miller's mail box, 48 ft. s. e. to signboard on tree	41 12 08.4	81 38 17.8
Richfield (Center), 1½ miles s. of; forks of road, 24 ft. w. to Park Lee's mail box, 46 ft. s. e. to guidepost	41 13 07.0	81 38 18.0
West Richfield, aluminum tablet stamped **"Prim. Trav. Sta. 106A"** (elevation 1279 Cleveland) in s. wall at s. e. corner of Carter House stone foundation	**41 14 24.0**	**81 39 20.1**

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Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Hinckley, four corners, 400 ft. w. of, in n. end of w. abutment of iron bridge; bronze tablet stamped **"Prim. Trav. Sta. No. 87"**	**41 14 18.4**	**81 44 47.6**
Three corners road to south, 45 feet west of bridge	41 14 22.2	81 43 43.1
Four corners, 20 ft. s. to sign post painted "Hinckley,2 m.; Richfield, 3 m.; Ragation, 5 m.; Granger, 5 miles"	41 14 22.8	81 42 10.6
West Richfield, in s. wall at s. e. corner of stone foundation to the Carter House; aluminum tablet stamped **"Prim. Trav. Sta. No. 106 A."** Elevation "1,279 Cleveland"	**41 14 24.0**	**81 39 20.1**
Richfield, four corners at, 50 feet northeast to cedar tree painted 1148, 35 ft. southeast to corner of store	41 14 23.4	81 38 17.3
Furnace Run, east end of bridge, 5 feet north of T. B. M., a chiseled cross and sq. painted "T. B. M. 913"	41 14 25.4	81 36 51.2
Three corners, road to south at fork to left, 60 feet n. w. to telegraph pole, 40 ft. s. w. to large rock	41 14 44.1	81 35 27.1
Peninsular, 4 corners at, 8 ft. s. to Soldiers' Monument	41 14 29.3	81 33 19.2
Peninsular, at n. w. corner of town hall, in n. wall;aluminum tablet, stamped **"Prim. Trav. Sta. No. 138 A."** Elevation 711 Cleveland	**41 14 27.8**	**81 32 53.4**
Three corn., second-class road to s., 25 ft. s. e. to mail box, 35 ft. s. w. to corner fence post	41 14 07.9	81 31 39.4

Alger Quadrangle

North part of quadrangle east along Erie Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 4 S., Rs. 7 and 8 E., corner of secs. 1, 6, 7, and 12	40 42 59.7	83 59 38.7
Westminster station, *Azimuth of railroad 276° 41′*	40 42 57.2	83 59 35.3
Harrod station	40 42 33.9	83 55 15.9
Alger station	40 42 19.1	83 50 37.6
T. 4 S., R. 9 E., corner of secs. 8, 9, 16, and 17	40 42 14.1	83 50 31.5
McGuffey station	40 41 40.1	83 47 05.3

Near west border of quadrangle north along highways

Santa Fe, crossroads at (On Bellefontaine Quad.)	40 29 28.4	83 59 37.7
Santa Fe, 1½ miles north of; T road west	40 30 43.8	83 59 37.8
T. 6 S., Rs. 7 and 8 E., corner of secs. 7, 12, 13, and 18	40 31 40.3	83 59 37.9
T. 6 S., Rs. 7 and 8 E., corner of secs. 1, 6, 7, and 12	40 32 32.7	83 59 37.8
Tps. 5 & 6 S., Rs. 7 & 8 E., corner of secs. 1, 6, 31, & 36	40 33 25.2	83 59 37.7
T. 5 S., Rs. 7 and 8 E., corner of secs. 25, 30, 31, and 36	40 34 17.4	83 59 37.8
T. 5 S., Rs. 7 and 8 E., cor. of secs. 19, 24, 25, and 30	40 35 09.8	83 59 37.9

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T. 5 S., Rs. 7 and 8 E., cor. of secs. 13, 18, 19, and 24....	40 36 02.1	83 59 38.0
T. 5 S., Rs. 7 and 8 E., cor. of secs. 7, 12, 13, and 18.....	40 36 54.3	83 59 38.2
T. 5 S., Rs. 7 and 8 E.. corner of secs. 1, 6, 7, and 12.....	40 37 46.6	83 59 38.4
Tps. 4 & 5 S., Rs. 7 & 8 E., corner of secs. 1, 6, 31, & 36...	40 38 38.7	83 59 38.5
Tps. 4 and 5 S., R. 8 E., corner of secs. 5, 6, 31, and 32...	40 38 39.1	83 58 31.7
T. 4 S., R. 8 E., corner of secs. 29, 30, 31, and 32	40 39 31.4	83 58 32.2
T. 4 S., R. 8 E., corner of secs. 19, 20, 29, and 30.....	40 40 23.6	83 58 32.6
Westminster, T road east at	40 41 35.9	83 58 47.4
Westminster, 1 mile northwest of; T road north.....	40 42 05.8	83 59 38.6
Westminster station, *azimuth of railroad 276° 41'*.....	40 42 57.2	83 59 35.3
Westminster station, T. 4 S., R. 7 E., s. e. cor. of sec. 1, in s. e. cor. of field of Joseph Craig, n. w. cor. of his residence bears S. 88° E., distant 62.3 ft., s. rail of Erie R. R. at road crossing bears S. 6° E., distant 243.2 ft.; in top of a limestone post 30 by 8 by 8 in. set 26 in. in ground; aluminum tablet stamped **"Prim. Trav. Sta. No. 1"**.....	**40 42 59.9**	**83 59 38.9**
Tps. 3 and 4 S., Rs. 7 and 8 E., secs. 1, 6, 31, and 36, at crossroads, 35 ft. s. e. to cross cut on cor. fence post, 34 ft. n. e. to cross cut on corner fence post	40 43 52.0	83 59 38.8
T. 3 S., R. 8 E., cor. of secs. 30 and 31 (w. cor.), at T road east; corner stone	40 44 44.5	83 59 38.8

Near east border of quadrangle north along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Harmony United Brethren Church, about 0.7 mile south of; T road east.....	40 33 13.8	83 45 05.9	.....
Harmony United Brethren Church, about 0.5 mile north of; T road west	40 34 13.4	83 45 15.5	6,080
White schoolhouse No .5, 1 mile s. of; T road e.	40 34 52.4	83 45 21.7	3,970
White schoolhouse No. 5, crossroads at	40 35 41.8	83 45 29.7	5,040

Near south border of quadrangle east along highways

T. 6 S., R. 8 E., cor. of secs. 14, 15, 22, and 23..	40 30 48.5	83 55 03.2	.....
Crossroads at cemetery	40 30 53.4	83 55 03.2	500
T road north	40 31 12.2	83 53 25.0	7,820
Capt. Dunlap's res., on s. side of T rd. n., 25 ft. n. and 15 ft. e. to center of T road; iron post stamped **"Prim. Trav. Sta. No. 91, Ohio, 1910"**	**40 31 31.0**	**83 51 31.9**	**8,942**
Logan-Hardin county-line monument on north side of road.....	40 31 46.7	83 50 38.1	4,453
T road west	40 31 09.1	83 49 35.6	6,146
Elder (North Fork) schoolhouse No.6; + roads at	40 30 27.6	83 49 18.3	4,397
T road west	40 30 55.2	83 47 38.0	8,238
Center of forks of pike.....	40 30 42.6	83 45 32.2	9,795
Belle Center, about 200 feet n. e. of C. C. C. & St. Louis Ry. station; road crossing.....	40 30 31.5	83 45 07.1	2,240

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Alliance Quadrangle

Portage-Stark county line to Bayard via Pennsylvania Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Portage-Stark county line, road crossing on	40 59 17.4	81 08 40.2
Milepost 55, road crossing 1,695 feet south of	40 56 27.5	81 06 56.0
Alliance, L. Erie, A. & W. Ry. crossing on	40 55 33.0	81 06 03.4
Alliance, Pennsylvania Ry. crossing on	40 55 18.6	81 05 44.0
Alliance station on Pennsylvania Ry	40 55 17.1	81 05 42.2
Stark-Mahoning county line, road crossing on	40 54 44.1	81 05 12.8
Milepost 61, road crossing 1,070 feet north of	40 52 20.4	81 04 07.3
Homeworth station, road crossing 55 feet south of	40 50 14.8	81 04 03.4
Moultrie station, road crossing 255 feet south of	40 47 47.8	81 04 13.3
Bayard station	40 45 02.7	81 03 57.4
Near southwest corner of quadrangle		
Robertsville station, road crossing 90 ft. west of	40 45 38.9	81 11 20.6

Alvordton Quadrangle

Southwest along Lake Shore & Michigan Southern Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Mileposts 38 and 39, east-west road crossing between	41 31 42.8	84 15 26.3
Mileposts 39 and 40, north-south road crossing between	41 31 36.8	84 16 02.8
Mileposts 40 and 41, north-south road crossing between	41 31 25.5	84 17 12.1
Archbold station	41 31 15.5	84 18 12.8
Archbold, main street crossing	41 31 14.1	84 18 21.9
Mileposts 42 and 43, north-south road crossing between	41 31 02.7	84 19 31.3
Mileposts 43 and 44, north-south road crossing between	41 30 53.0	84 20 30.4
Milepost 45, north-south road crossing near	41 30 35.9	84 22 14.7
Mileposts 45 and 46, north-south road crossing between	41 30 27.6	84 23 05.0
Mileposts 46 and 47, north-south road crossing between	41 30 18.8	84 23 59.1
Stryker, main street crossing	41 30 10.3	84 24 50.9
Stryker station	41 30 09.0	84 24 59.2
Milepost 48, north-south road crossing near	41 30 03.3	84 25 33.5
Near west border of quadrangle north along highways		
T. 6 N., R. 3 E., north corner of secs. 1 and 2; T road s	41 30 50.2	84 28 37.3
T. 7 N., R. 3 E., cor. of secs. 25, 26, 35, and 36; crossroads	41 31 42.5	84 28 40.1
T. 7 N., R. 3 E., corner of secs. 23, 24, 25, and 26, 0.5 mi. north of; T road south	41 33 00.9	84 28 39.8
T. 7 N., R. 3 E., cor of secs. 14, 15, 22, and 23; T road e	41 33 27.5	84 29 48.7
T. 7 N., R. 3 E., corner of secs. 10, 11, 14, and 15	41 34 19.7	84 29 48.5
T. 7 N., R. 3 E., corner of secs. 2, 3, 10, and 11; crossroads	41 35 11.9	84 29 48.6

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	° ′ ″	° ′ ″
T. 8 N., R. 3 E., s. w. corner of sec. 35, in s. w. corner of field of Joseph Eberly, n. w. corner of his house bears S. 2° E., distant 91.4 ft. s. w. cor. of Warnick's house bears N. 74° W., distant 76.4 ft; iron post stamped **"Prim. Trav. Sta. No. 16, 1905"**	**41 36 03.1**	**84 29 50.0**
T. 8 N., R. 3 E., north corner of secs. 34, and 35	41 36 55.0	84 29 50.7
T. 10 S., R. 2 W., s. corner of secs. 1 and 2; crossroads	41 37 19.4	84 29 43.6
T 9 S., R. 2 W., cor. of secs. 25, 26, 35, and 36; crossroads	41 39 04.1	84 29 43.3
T. 9 S., R. 2 W., cor. of secs. 23, 24, 25, and 26; crossroads	41 39 56.8	84 29 43.3
T. 9 S., R. 2 W., cor. of secs. 13, 14, 23, and 24; crossroads	41 40 49.3	84 29 43.0
North border of quadrangle near Ohio-Michigan State line east along highways		
T. 9 S., R. 2 W., in s. e. cor. of sec. 11, in s. e. cor. of field of E. Thatcher; iron post stamped **"Prim. Trav. Sta. No. 17, 1905"**	**41 41 42.0**	**84 29 42.2**
T. 9 S., R. 2 W., e. corner of secs. 12, and 13; T road w.	41 41 40.5	84 28 32.6
T. 9 S., R. 1 W., cor. of secs. 7, 8, 17, and 18; crossroads	41 41 41.3	84 27 23.3
T. 9 S., R. 1 W., cor. of secs. 8, 9, 16, and 17; T road s.	41 41 41.6	84 26 15.4
Ohio-Mich. State line, 0.33 mi. w. of C. N. Ry.; T road s.	41 42 18.1	84 25 41.1
Ohio-Mich. State line, 0.75 mi. e. of C. N. Ry.; crossroads	41 42 19.7	84 24 32.4
T. 9 S., R. 1 W., corner of secs. 10, 11, 14, and 15; Fulton-Williams county line	41 41 42.0	84 23 57.2
T. 9 S., R. 1 W., s. e. corner of sec. 11, in s. e. corner of field of G. S. Wilnor; iron post stamped **"Prim. Trav. Sta. No. 23, 1905"**	**41 41 42.0**	**84 22 47.8**
T. 9 S., R. 1 W., e. corner of secs. 12, and 13; T road w.	41 41 42.4	84 21 36.7
T. 9 S., R. 1 E., cor. of secs. 7, 8, 17, and 18; crossroads	41 41 42.3	84 19 41.1
T. 9 S., R. 1 E., cor. of secs. 8, 9, 16, and 17; crossroads	41 41 44.0	84 18 29.3
T. 9 S., R. 1 E., cor. of secs. 9, 10, 15, and 16; crossroads	41 41 45.6	84 17 20.2
T. 9 S., R. 1 E., cor. of secs. 10, 11, 14, and 15; crossroads	41 41 45.9	84 16 10.3
Ohio-Michigan State line, center of n.-s. road	41 42 31.9	84 16 11.5

Andover Quadrangle

Leon to Jefferson via Lake Shore & Michigan Southern Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Leon, 1,000 feet north of; road crossing	41 39 24.2	80 36 59.0
Dorset station, low grade line crossing	41 41 29.7	80 40 31.1
Road crossing	41 42 40.8	80 42 47.4
Jefferson, L.S.&M.S.Ry., 1.37 mi. e. of; forks of road to s.e.	41 44 17.4	80 44 04.3
Jefferson station, 300 ft. s. of center of e. siding at st. crossing (on Jefferson quad.)	41 44 17.3	80 45 41.2
Near south corner of quadrangle east along highways		
Wade schoolhouse, 0.75 mi. w. of; three cor. fork to s.	41 30 54.4	80 44 12.2
Wade schoolhouse, 0.75 mile south of; three corners	41 30 23.0	80 43 22.3

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Four corners	41 30 22.7	80 41 06.7
Three corners	41 30 38.2	80 39 58.6
White schoolhouse, three corners at	41 30 31.3	80 38 52.1
Four corners	41 30 35.4	80 37 22.4
Stanhope creamery, 0.6 mile north of; three corners	41 30 24.2	80 36 20.3

Arlington Quadrangle

North border to Dunkirk via Toledo & Ohio Central Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
South line of Marion township	40 59 36.0	83 38 27.9
Milepost 49, 130 feet south of; crossing	40 57 53.4	83 38 33.5
Milepost 51, 200 feet south of; crossing	40 56 08.2	83 38 32.4
Corner Tps. 1 and 2 S., Rs. 10 and 11 E	40 54 23.3	83 39 03.7
Northern Ohio Ry.; crossing on	40 53 56.8	83 38 48.7
Arlington station, 180 feet north of; crossing	40 53 34.9	83 38 48.9
Milepost 56, 470 feet south of; crossing	40 51 46.2	83 38 49.6
Williamstown station, 70 feet south of; crossing	40 50 01.6	83 38 49.8
Corner Tps. 2 and 3 S., Rs. 10 and 11 E	40 49 09.7	83 39 04.6
Dunkirk station, 900 feet north of; crossing	40 47 24.5	83 38 49.8
Pennsylvania R. R.; crossing on	40 47 17.9	83 38 49.9
Near north border of quadrangle west along highways		
Schoolhouse, crossroads at	40 58 31.8	83 30 46.2
Roads east, west, and north	40 58 53.9	83 33 53.2
Roads northeast and southwest	40 58 57.4	83 36 47.1
Tps. 1 N. and 1 S., Rs. 10 and 11 E., corner between	40 59 35.5	83 39 02.2
Tps. 1 N. and 1 S., R. 10 E., cor. of secs 1, 2, 35, and 36	40 59 35.7	83 40 11.1
Tps. 1 N. and 1 S., R. 10 E., quarter corner between secs. 3 and 34	40 59 36.0	83 41 54.6
Near west border of quadrangle north along highways		
T. 3 S., R. 10 E., corner of secs. 19, 20, 29, and 30	40 45 42.4	83 44 52.2
T. 3 S., R. 10 E., corner of secs. 7, 8, 17, and 18	40 47 26.6	83 44 51.7
Tps. 2 and 3 S., R. 10 E., quar. cor. between secs. 5 and 32	40 49 08.9	83 44 16.5
T. 2 S., R. 10 E., corner of secs. 19, 20, 29, and 30	40 50 53.5	83 44 48.9
T. 2 S., R. 10 E., corner of secs. 7, 8, 17, and 18	40 52 38.5	83 44 48.2
Tps. 1 and 2 S., R. 10 E., corner of secs. 5, 6, 31, and 32	40 54 25.5	83 44 47.7
T. 1 S., R. 10 E., corner of secs. 19, 20, 29, and 30	40 56 10.3	83 44 47.6
T. 1 S., R. 10 E., corner of secs. 7, 8, 17, and 18	40 57 55.2	83 44 48.4

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T. 1 S., R. 10 E., corner of secs. 5, 6, 7, and 8	40 58 47.7	83 44 48.0
Findlay, about 5 mi. s. w. of; L. E. & W. Ry. crossing	40 58 54.1	83 44 47.9
Near east border of quadrangle south along highways		
Quarter corner between secs. 20 and 29	40 50 49.0	83 30 23.2
Big Four Route crossing near milepost 70	40 49 06.4	83 30 08.1

Ashland Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Crossroads	40 59 34.8	82 29 12.4
Crossroads	40 58 32.5	82 29 32.0
Road east	40 57 12.8	82 29 41.5
Crossroads	40 56 20.0	82 29 40.8
Road east	40 55 26.3	82 29 50.6
Shenandoah, crossroads at	40 54 43.7	82 29 57.2
Mansfield to Hayesville via highways		
Road crossing	40 45 29.0	82 29 39.1
Road crossing	40 45 38.5	82 28 28.0
Road south	40 45 57.4	82 27 18.8
Road south	40 45 57.3	82 26 15.6
Brick schoolhouse	40 45 58.1	82 25 39.5
Road south	40 46 02.7	82 23 51.1
Petersburg, (Mifflin), road crossing at	40 46 25.5	82 21 49.2
Road crossing	40 46 22.8	82 20 21.9
Road south	40 46 19.5	82 18 57.4
Road south	40 46 19.7	82 17 15.1
Hayesville, in n. w. cor. of foundation of town hall at crossroads; bronze tablet stpd. "**Prim. Trav. Sta. Elev. 1,244**".	**40 46 21.8**	**82 15 43.3**

Ashtabula Quadrangle

Jefferson west to the eighty-first meridian via highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Jefferson, 2.5 miles west of; three corners	41 45 08.4	80 47 57.6
Austinburg, four corners at	41 46 18.3	80 51 17.4
Austinburg, 2.5 miles west of; four corners	41 46 01.9	80 53 59.9
Forks of road, road north	41 45 46.3	80 55 17.5
Harpersfield Center, four corners at	41 45 33.2	80 56 47.8
Res. of J. H. and L. D. Fowler, 4 cor. at, (on Perry quad.)	41 45 33.2	81 00 10.2

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Athens Quadrangle

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Carbon Hill 0.75 mile south of station; road crossing on new railroad grade just s. of schoolhouse, center of track	39 29 28.1	82 14 59.6

Bainbridge Quadrangle

Near north border of quadrangle along highways

	° ′ ″	° ′ ″
Barrett schoolhouse, No. 12, 0.5 mi. s. of, 390 ft. w. of T road n. on south side of Hillsboro-Greenfield pike; iron post stamped "**Prim. Trav. Sta. No. 62, 1909, Ohio**"	**39 14 24.8**	**83 29 53.4**
Barrett schoolhouse, No. 12, 0.5 mi. s. of, at s. w. corner of T road n.; 15 ft. n. by 10 ft. e. to center of T road; hub	39 14 26.0	83 29 48.8
Bainbridge, 0.8 mile north of, 0.2 mile north of schoolhouse, 20 feet east of forks, just inside field; iron post stamped "**Prim. Trav. Sta. No. 70, 1909, Ohio**"	**39 14 23.3**	**83 16 35.1**
Stringtown, center of cross pikes at store	39 14 05.7	83 29 17.1
Schoolhouse, west of; center of T road south	39 14 32.2	83 27 01.4
T road north, center of	39 14 49.8	83 25 37.5
Snake Corners schoolhouse, 0.3 mi. w. of; center of +roads	39 14 47.8	83 24 15.3
Snake Corners schoolhouse, 0.5 mile east of, at southeast corner of T road south; iron post stamped "**Prim. Trav. Sta. No. 71, Ohio, 1909**"	**39 14 44.0**	**83 23 19.8**
J. Kinsley's mail box, T road east at; 10 feet north and 10 feet west to locust tree	39 15 00.0	83 20 39.6
East border of quadrangle along highways		
Scioto-Pike county-line monument, in front yard	39 00 38.8	83 15 08.0
Scioto-Pike county-line stone monument	39 00 52.0	83 15 31.0
Scioto-Pike county-line stone, at forks of road south	39 00 49.9	83 15 40.7
County-line monument at junction of Adams, Scioto, and Pike counties	39 00 57.1	83 16 16.3
Adams-Pike county-line stone, at +roads at Groom's store	39 01 13.1	83 16 31.6
Groom's store at northeast corner of crossroads; iron post stamped "**Prim. Trav. Sta. No. 79, 1909, Ohio**"	**39 01 13.4**	**83 16 31.0**
Old store building, center of road opposite, at T road n.	39 02 13.8	83 15 15.3
Whiteoak Church, center of crossroads; 15 feet southeast to center of triangular mound	39 03 05.8	83 15 32.3
Latham, 2.5 mis. south of, northeast of Grassy Fork schoolhouse; center of T road southeast	39 03 54.7	83 16 01.3
Bainbridge, road crossing west of station	39 13 53.9	83 16 16.2
Road northeast along wire fence, 25 ft. e. to n. end of gate	39 12 16.2	83 16 05.3
Ross-Pike county-line, stone on east side of road	39 11 39.3	83 15 58.5
Pine Top schoolhouse, 0.5 mi. s. e. of; center of T road e.	39 10 44.5	83 16 08.0
Auerville, 0.8 mile northwest of; fork in road, 10 feet south to cross on butternut tree	39 09 01.8	83 15 13.5

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Near south border of quadrangle west along highways		
Schoolhouse, west corner of	39 00 47.7	83 17 46.5
Locust Grove, 1.2 miles northwest of; intersection of Sinking Spring-Peebles pike with T road east	39 00 09.5	83 23 48.2
Serpent Mound, 0.8 mile southeast of; intersection of pike with T road north	39 00 58.4	83 25 33.2
Brush Creek, east fork of, center of steel bridge over	39 01 22.6	83 26 11.1
Lovett, postoffice, center of T road north, at store	39 01 36.6	83 27 10.4
Lovett, 1 mile south of postoffice; T road east, north of small house on west side of road	39 00 47.4	83 27 21.4
Lovett, 1.8 miles south of postoffice; T road north	39 00 14.0	83 27 26.7
Fork in road at corner of garden	39 00 21.5	83 28 06.4
John Peterson's residence, east of; center of T road north.	39 00 31.6	83 29 00.6
Through center of quadrangle east along highways		
Schoolhouse, 0.2 mi. w. of, at A. W. Seller's mail box; T road north	39 09 51.8	83 29 57.4
Marshall, T pike south at blacksmith shop	39 09 07.6	83 29 06.3
Marshall, 1.8 miles east of, at Cameron farm; T road north	39 09 30.9	83 27 10.7
T road east, cross cut on stone, corner at	39 08 30.4	83 26 38.1
Carmel, 2 miles south of; center of T road west	39 08 49.6	83 25 19.0
T road west, center of, at abandoned house	39 08 34.5	83 24 16.2
Brush Creek, T road n., 0.2 mi. west of wooden bridge	39 07 32.7	83 23 58.4
Sinking Spring, 3.7 mi. n. of, 0.7 mi. n. of Sam Butler's store and hotel, in n. e. cor. of pasture at T road w.; iron post stamped "**Prim. Trav. Sta. No. 84, 1909. Ohio**"	**39 07 30.0**	**83 22 47.6**
Intersection of Bainbridge-Sinking Spring pike & e. w. road.	39 07 57.1	83 22 24.8
Cynthiana, 2 mi. s. w. of; Highland-Pike county-line monument, on east side of Bainbridge-Sinking Spring pike	39 08 59.8	83 21 51.6
Cynthiana, 1 mi. s. of, on Bainbridge-Sinking Spring pike, at intersection of T road southeast	39 09 22.3	83 20 45.0
Ora A. Benner's mail box, s. w. pt. of triangle at fork in rd.	39 08 30.7	83 19 35.4
Perry-Mifflin township line, culvert	39 07 51.2	83 19 24.9
Newfain, center of road opposite postoffice	39 07 16.4	83 19 08.2
Latham, 2 mi. w. of, at Sunfish Valley mill; T pike north.	39 05 36.8	83 16 48.8
Latham, 1 mi. w. of; forks of pike e. of steel bridge, 15 ft. south and 15 feet west to mail box	39 06 06.4	83 15 52.0

Batavia Quadrangle

Near south border of quadrangle west along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Clarence Reiley's residence, center of crossroads	39 00 21.8	84 04 23.3
Center of covered bridge over Clover Creek, north.	39 00 22.5	84 05 57.6

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Tate twp., schoolhouse No. 3, cen. of T road e. just s. e. of	39 00 16.7	84 06 49.1
Bantam, 0.5 mi. w. of, s. side of Bethel-Cincinnati pike, in front of Frederick Ropp's residence; iron post stamped **"Prim. Trav. Sta. No. 94, Ohio 1909"**	**39 00 07.3**	**84 09 07.7**
Electric railroad crossing over public road	39 00 30.8	84 10 12.4
Mount Holly, at postoffice; center of T pike north	39 00 47.5	84 10 53.5
Hamlet, Ohio pike at T road south	39 01 11.2	84 12 21.1
Amelia, center of T pike southwest at Odd Fellows Hall	39 01 49.3	84 13 15.7
Amelia, 0.8 mile southwest of; center of T road west	39 01 16.7	84 13 43.5
Near west border of quadrangle north along highways		
Perintown, 2 miles north of; center of T road west	39 09 58.0	84 14 14.3
Mulberry, n. e. of old school building; center of T pike s. e.	39 11 38.0	84 14 24.1
Barber schoolhouse, No. 9, center of T pike northwest	39 12 10.2	84 13 15.2
Union schoolhouse (subdistrict No. 5), cen. of cross pikes	39 12 53.1	84 14 25.3
Schoolhouse No. 7, center of cross pikes	39 14 13.9	84 14 36.6
Perintown to Marathon along highways		
Perintown, cen. of T pike s. w. at W. O. Robinson's store	39 08 16.4	84 14 12.5
Stone Lick, center of T pike south at	39 07 19.8	84 11 50.7
Stone Lick, 2 mi. e. of; cen. of Perintown-Marathon pike at road north-south	39 07 09.6	84 09 44.3
Boston (Owensville), in w. part of town, 20 ft. s. and 15 ft. e. of cen. of T pike n.; iron post stamped **"Prim. Trav. Sta. No. 98, Ohio, 1909"**	**39 07 17.5**	**84 08 32.2**
Boston (Owensville), 2 mis. e. of, at Hutchinson's residence, n. center of Perintown-Marathon pike at T road n	39 07 45.9	84 06 04.0
Monterey, at Christian Church; center of cross pikes	39 08 00.5	84 04 52.6
Monterey, 0.8 mile east of; center of cross pikes	39 08 08.4	84 04 08.9
Monterey, 1.7 miles east of; center of T pike south	39 08 12.4	84 03 08.4
Marathon, 1 mile west of; center of T pike south	39 08 20.0	84 01 31.6
Near east border of quadrangle north along highways		
New Harmony, center of crossroads	39 00 48.7	84 00 45.9
Brown-Clermont county-line stone in northeast corner of J. W. Abbot's garden	39 00 48.1	84 01 17.5
Henning's mill, 0.5 mile west of; center of T road east	39 00 49.1	84 02 32.0
Todds Run schoolhouse, south of; T road west	39 02 09.0	84 02 34.4
Williamsburg, 0.5 mi. s. e. of, at C. P. McKever's residence; center of forks of pike	39 02 57.3	84 02 48.9
Williamsburg, 3rd St. crossing, on N. & W. Ry., w. of sta.	39 03 27.7	84 03 08.8
Center of pike at T road east	39 05 12.6	84 01 58.8
Harbough schoolhouse, 1 mile s. of; center of + roads	39 05 45.3	84 01 04.4
Harbough schoolhouse, center of crossroads	39 06 28.5	84 00 40.8
Brown-Clermont county-line stone, east of T road	39 07 15.3	84 00 25.0
Marathon, 1.5 mi. s. of, at W. G. Dougherty's mail box; T road east	39 07 15.5	84 00 25.8

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Brown-Clermont county-line stone, s. of covered bridge ..	39 08 03.6	84 00 18.0
Marathon, 0.5 mi. s. of, 20 ft. due e. to w. end of covered bridge; iron post stamped **"Prim. Trav. Sta. No. 90. O.,1909"**	**39 08 16.5**	**84 00 11.2**
Brown-Clermont county-line stone..... ..	39 08 27.6	84 00 15.0
Marathon, T road south at, near M. E. Applegate's store.	39 08 39.5	84 00 26.6
Marathon, 0.5 mile north of; forks in pike.....	39 09 11.5	84 00 44.8
Lerado, cross pikes at postoffice, 20 feet north to south corner of public scales.....	39 10 29.2	84 00 30.1
Crossroads, center of.....	39 12 17.0	84 01 42.8
Crossroads, center of, at large brick house.....	39 13 05.6	84 00 30.5
Woodville, in n. w. cor. of A. W. Garrison's front yard, 20 ft. n. and 20 ft. w. to town pump at center of cross pikes; iron post stamped **"Prim. Trav. Sta. No. 91, Ohio. 1909"** (on Morrow quad.)	**39 15 17.5**	**84 00 38.6**
Woodville, at church, on northeast-southwest pike at T pike north (on Morrow quad.)	39 15 19.2	84 00 26.3

Bellefontaine Quadrangle

Near west border of quadrangle along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 2 N., R. 8 E., corner of secs. 27, 28, 33, and 34; +roads.	40 22 35.8	83 58 49.6
Maplewood, 3 mis. e. of s. e. cor. of +roads, quarter corner between secs. 27 and 34, T. 2 N., R. 8 E., iron post stamped **"Prim. Trav. Sta. No. 33, Ohio, 1909"**.....	**40 22 36.1**	**83 58 15.1**
T. 2 N., R. 8 E., quarter corner on north side of sec. 27; T road south near schoolhouse..... .	40 23 28.4	83 58 16.4
T. 7 S., R. 8 E., corner of secs, 19, 20, 29, and 30	40 24 36.4	83 58 27.7
T. 7 S., R., 8 E., corner of secs. 17, 18, 19, and 20.....	40 25 29.6	83 58 28.1
T. 7 S., R. 8 E., corner of secs. 7, 8, 17, and 18; T road south, 715 feet east of schoolhouse No. 4.....	40 26 21.6	83 58 28.5
T. 7 S., Rs. 7 and 8 E., cor. of secs. 7, 12, 13, and 18; +roads	40 26 21.7	83 59 36.9
T. 7 S., Rs. 7 and 8 E., cor. of secs. 1, 6, 7, and 12; T road w.	40 27 14.1	83 59 37.0
Tps. 6 and 7 S., Rs. 7 and 8 E., corner of secs. 1, 6, 31, and 36; crossroads near schoolhouse No. 8.....	40 28 06.5	83 59 37.2
T. 6 S., Rs. 7 and 8 E., corner of secs. 25, 30, 31, and 36; T road west, 22 feet east to dressed stone post.....	40 28 58.9	83 59 37.4
Santa Fe, 0.5 mile south of, in top of southwest corner of bridge abutment; aluminum tablet stamped **"Prim. Trav. Sta. No. 34, Ohio. 1909"**	**40 29 06.1**	**83 59 37.6**
Santa Fe, crossroads at.....	40 29 28.4	83 59 37.7
Tps. 1 and 2 N., R. 8 E., cor. of secs. 3, 4, 33, and 34; + roads	40 21 43.0	83 58 49.2
T. 1 N., R. 8 E., corner of secs. 3, 4, 9, and 10; crossroads	40 20 50.9	83 58 48.8
T. 1 N., R. 8 E., corner of secs. 9, 10, 15, and 16.....	40 19 58.2	83 58 48.1
T. 1 N., R. 8 E., corner of secs. 15, 16, 21, and 22.....	40 19 08.6	83 58 47.9

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Quincy, crossing of C. C. C. & St. L. Ry., and D. T. and I. Ry.	40 17 51.4	83 58 18.4
T. 3 N., R. 13 E., corner of secs. 22, 23, 28, & 29; T road w.	40 17 10.2	83 58 21.4
T. 3 N., R. 13 E., cor. of secs. 21, 22, 27, and 28; crossroads near schoolhouse, on Logan-Champaign county-line...	40 16 16.1	83 58 26.9
T. 3 N., R. 13 E., at cor. of secs. 20, 21, 26, and 27; T road east, near schoolhouse.....	40 15 23.6	83 58 32.2

Near north border of quadrangle east along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
T. 6 S., R. 8 E., w. cor. of secs. 19 and 30; T road east (county line).....	40 29 55.8	83 59 37.7	.....
T. 6 S., R, 8 E., cor. of secs. 19, 20, 29, and 30; T road north.....	40 29 55.9	83 58 29.3	5,290
T. 6 S., R. 8 E., cor. of secs. 20, 21, 28, and 29; T road south.....	40 29 55.9	83 57 20.7	5,300
T. 6 S., R. 8 E., cor. of secs. 21, 22, 27, and 28.	40 29 55.9	83 56 11.8	5,320
Lakeview, 1 mile n. of; Ohio Elec. Ry. at e. w. crossing.....	40 29 55.9	83 55 47.4	1,890

Through center of quadrangle west along highways

T road east.....	40 24 15.0	83 46 10.4	.....
Northeast cor. of Harrison township, e. cor. of secs. 1 and 6; T road west.....	40 23 28.6	83 46 12.1	4,701
Harrison tp., stone cor. of secs. 1, 6, 7, and 12	40 23 32.8	83 47 20.2	5,290
Bridge over creek center of	40 23 09.6	83 48 16.8	4,971
T road n. at quarter cor. between secs 18 and 24	40 23 15.1	83 49 41.9	6,610
Harrison township, quarter cor. between secs. 24 and 30; crossroads.....	40 23 19.1	83 50 51.3	5,390
Hazleton, 1.25 mis. w. of, at n. w. cor. of cross-roads at church, 25 ft. e. and 20 ft. s. to center of cross-roads; iron post stamped "**Prim. Trav. Sta. No. 90, Ohio, 1910**".....	**40 23 24.5**	**83 52 17.7**	**6,710**
Stone at quarter corner between secs. 6 and 36 T road north.....	40 23 27.6	83 53 09.8	4,044
Quarter corner between secs. 6 and 12	40 23 31.6	83 54 18.2	5,309
T road west	40 23 06.2	83 54 37.8	2,993
T road w., just n. of church and schoolhouse..	40 22 41.6	83 55 11.1	3,587
Fractional tp. cor. of secs. 25, 26, 35, and 36..	40 22 36.4	83 56 32.5	6,327
Fractional township, n. cor. of secs. 34 and 35	40 22 36.3	83 57 41.2	5,320

Positions near east border of quadrangle

T road west.....	40 22 47.4	83 45 17.7	.....
Bellefontaine, intersection of Main and Sandusky Streets at Carnegie Library	40 21 45.0	83 45 34.4	6,441

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Bellevue Quadrangle

Near west border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Tps. 3 and 4 N., R. 16 E., cor. of secs. 2, 3, 34, and 35; road s.	41 15 20.2	82 59 38.7
Tps. 3 and 4 N., R. 16 E., cor. of secs. 1, 2, 35, & 36; road n.-s.	41 15 20.4	82 58 29.8
Tps. 3 and 4 N., Rs. 16 and 17 E., n. e. cor. of sec. 1, road n-s.	41 15 20.2	82 57 20.3
Tps. 3 and 4 N., R. 17 E., cor. of secs. 5, 6, 31, & 32 road n.-s.	41 15 20.0	82 56 10.6
Tps. 3 and 4 N., R. 17 E., cor. of secs. 4, 5, 32, & 34; road n.-s.	41 15 19.6	82 55 01.3
Tps. 3 and 4 N., R. 17 E., cor. of secs. 3, 4, 33, & 34; road n.-s.	41 15 19.2	82 53 51.4
Road northeast-southwest	41 15 18.7	82 52 18.3
Road north-south	41 15 18.5	82 51 31.7
Hocking Valley Ry. *Azimuth 207° 25′*	41 15 18.3	82 50 47.8
Road north-south (on Siam quad.)	41 14 49.8	82 48 08.4
Lake Shore Ry. *Azimuth 307° 31′*	41 15 34.5	82 46 57.6
Road north-south	41 15 34.6	82 45 50.2

Berne Quadrangle

Near Ohio-Indiana State line north along highways

Stations	Latitude	Longitude
St. Anthony Catholic Church spire	40 30 33.2	84 47 05.3
T. 6 S., R. 1 E., w. cor. of secs. 18 and 19; T road e	40 30 34.2	84 48 09.2
T. 27 N., R. 15 E., e. cor. of secs. 22 and 27; T road west	40 30 50.1	84 48 09.0
T. 27 N., R. 15 E., e. cor. of secs. 22 and 15; crossroads	40 31 42.7	84 48 08.7
T. 6 S., R. 1 E., west corner of secs. 6 and 7; T road east	40 32 19.9	84 48 08.6
Tps. 5 and 6 S., R. 1 E., w. cor. of secs. 6 and 31; fence e.	40 33 12.1	84 48 08.3
T. 27 N., R. 15 E., e. corner of secs. 3 and 10; T road west	40 33 27.4	84 48 08.3
T. 5 S., R. 1 E., w. corner of secs. 19 and 30; T road east	40 34 57.3	84 48 07.5
T. 5 S., R. 1 E., west of secs. 18 and 19; T road east	40 35 49.8	84 48 07.1
T. 28 N., R. 15 E., e. cor. of secs. 22 and 27; T road west	40 36 05.3	84 48 07.0
T. 5 S., R. 1 E., 15 ft. e. and 25 ft. s. of w. cor. of secs. 7 & 18; iron post stam. "**Prim. Trav. Sta. No. 25, Ohio, 1909**"	**40 36 41.8**	**84 48 06.6**
T. 28 N., R. 15 E., e. cor. of secs. 15 and 22; T road west	40 36 58.0	84 48 06.8
T. 28 N., R. 15 E., e. cor. of secs. 10 and 15; T road west	40 37 49.9	84 48 06.5
Tps. 4 and 5 S., R. 1 E., w. cor. of secs. 6 & 31; T road e.	40 38 26.4	84 48 06.8
T. 28 N., R. 15 E., e. cor. of secs. 3 and 10; T road west	40 38 42.4	84 48 06.9
T. 4 S., R. 1 E., w. cor. of secs. 30 and 31; T road east	40 39 18.8	84 48 06.8
Tps. 28 and 29 N., R. 15 E., e. cor. of secs. 3 & 34; T road w.	40 39 37.8	84 48 06.8
T. 4 S., R 1 E., w. cor. of secs. 19 and 30; T road east	40 40 11.2	84 48 07.0
T. 4 S., R 1 E., quar. cor. between secs. 18 & 19; T road e.	40 41 03.8	84 47 39.7
T. 4 S., R. 1 E., w. cor. of secs. 6 and 7; T road east	40 42 48.8	84 48 06.7

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T. 29 N., R. 15 E., e. cor. of secs. (no numbers); T road w.	40 43 07.4	84 48 06.7
T. 29 N., R. 15 E. e. cor. of secs. (no numbers); fence w.	40 43 59.5	84 48 06.7
Corner of section on State line	40 44 33.9	84 48 06.8

Bethel (Felicity) Quadrangle

Feesburg to New Harmony via highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Feesburg, 0.5 mi. n. w. of, 10 ft. w. and 10 ft. s. to center of T road, at Rose Hill Cemetery, on e. side of T road s. w; iron post stamped "**Prim. Trav. Sta. No. 24, Ohio, 1910**".	**38 52 57.4**	**84 00 24.4**
Feesburg, 1 mi. n. & 1 mi. w. of; center of T road northeast	38 53 28.0	84 01 00.9
Maple, center of crossroads	38 54 12.1	84 02 08.8
Maple, Clermont-Brown county-line; stone	38 54 12.5	84 02.08.8
Maple, 1 mile east and 0.8 mile north of; center of T pike at Maple Dale farm	38 54 51.0	84 00 58.8
Hamerstown, 1 mi. n. w. of; n.-s. road crossing on elec. ry.	38 55 33.1	84 00 17.9
John Block's res., + of Hamerstown-Bethel pike & n.-s. rd.	38 55 59.6	84 00 15.9
Crossing of north-south road and road n. w.-s. e., center of	38 57 25.4	84 00 05.6
Locust Ridge, 15 ft. w. to n. end of bridge; center of + roads	38 59 30.8	84 00 27.0
Williamsburg, 4 miles s. and 1 mile e. of, just w. of Clover Methodist Church, at northwest corner of T pike w.; iron post stamped "**Prim. Trav. Sta. No. 93, Ohio, 1909**"	**38 59 52.24**	**84 02 38.15**

Maple west to Point Isabel, via highways thence north via Tate to Bantam

Maple, 1.2 miles southwest of; center of crossroads	38 53 32.6	84 03 10.1
C. F. Swope farm, center of crossroads	38 54 03.9	84 04 05.5
Center of concrete culvert, Franklin-Tate township line	38 53 23.8	84 05 31.0
Mount Olive Church, 1 mi. w. of, 20 ft. n. to cen. of small brdg.; cen. of T road n.	38 54 00.2	84 06 22.2
Point Isabel, e. part of; 20 ft. n. of center of T road s.; iron post stamped "**Prim. Trav. Sta. No. 25. Ohio. 1910**"	**38 53 45.8**	**84 07 39.4**
Point Isabel, center of cross streets	38 53 46.4	84 07 54.0
Point Isabel, 1 mile north of; center of crossroads	38 54 30.2	84 08 02.7
Saltair, center of cross pikes	38 55 35.3	84 08 33.3
Monroe and Washington townships, corner of gate	38 55 41.9	84 08 52.6
Tate-Monroe township line, 0.8 mile east of, on boundary fence separating land of J. Hibbets from that of Salt, at crossroads near postoffice. Station marks: Pottery pyramid 3 feet below surface of ground, surmounted by section of sewer pipe 2 ft. long filled with hydraulic cement; concrete reaches to surface of ground, and station center is marked by 4-inch iron spike. Reference mark: Four drain tile pipes 4 inches in diameter, filled with concrete (Tate triangulation station)	38 56 26.71	84 08 01.53

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C. J. Paeltz's residence, east-west pike at T road south...	38 57 28.0	84 08 29.5
South Bantam, n.-s. road crossing on elec. ry. at station..	38 58 57.9	84 08 48.5
Bantam, north-south road crossing on electric railroad...	38 59 54.9	84 08 29.8

Point Isabel west to Point Pleasant via highways

Point Isabel, 1 mi. south and 1.5 mis. west of, just north of covered bridge over Big Indian Creek; center of triangle in forks of road	38 52 52.4	84 09 35.8
Log house with tile chimney, center of T road south.....	38 53 13.2	84 10 31.2
Big Indian Creek, center of stream at ford.....	38 53 17.7	84 10 55.2
Large elm tree on fence line, center of T road south.....	38 53 26.7	84 11 41.8
Washington-Monroe township line, center of road at.....	38 53 27.8	84 12 16.4
Point Pleasant, 1.3 miles east of; center of triangle in T road east just west of bridge.....	38 53 32.3	84 12 28.6
Point Pleasant, southwest corner of T street east, 25 feet north and 10 feet east to its center; iron post stamped **"Prim. Trav. Sta. No. 26, Ohio, 1910"**.....	**38 53 38.2**	**84 13 59.5**
Point Pleasant, 0.8 mi. northwest of, at large culvert; center of T road east.....	38 54 12.2	84 14 27.5

Point Pleasant to point near Higginsport via river road

Monroe-Washington township stake, on east side of pike.	38 52 32.4	84 13 32.8
Little Indian Creek, 35 feet east and 10 feet south to south end of stone culvert, pike at T road east.....	38 51 59.9	84 13 25.7
Moscow, center of crossroads at Clermont Distilling & Mill Co.'s plant, 12 feet south to center of small bridge.....	38 51 28.5	84 13 25.8
Pike at T road east, at corner of hedge fence	38 50 26.4	84 13 22.6
Neville, 0.8 mile northwest of; center of T pike east	38 49 10.7	84 12 51.9
Neville, 30 feet east and 10 feet north to front door of public school building, in grounds of; iron post stamped **"Prim. Trav. Sta. No. 27, Ohio, 1910"**.....	**38 48 36.5**	**84 12 35.1**
Neville, center of cross streets at Methodist Church.....	38 48 31.9	84 12 36.8
Neville, 2.8 mis. e. and 0.5 mi. s.of; cen. of triangle in forks	38 48 03.2	84 09 33.4
Chilo, 0.2 mi. n. w. of, 30 ft. n. and 60 ft. w. to center of small bridge, 15 ft. w. and 5 ft. n. to s. end of stone culvert, set at s. e. corner of crossroads; iron post stamped **"Prim. Trav. Sta. No. 28, Ohio, 1910"**.....	**38 47 47.7**	**84 08 27.2**
Chilo, center of cross pikes in north part of town.....	38 47 43.3	84 08 11.5
Chilo, 1 mile east and 0.5 mile south of, at road north...	38 47 18.6	84 07 14.0
Rural, 30 feet southwest of pump; center of crossroads ..	38 46 40.8	84 05 19.5
Utopia, 15 ft. s. and 30 ft. w. of center of +roads; iron post stamped **"Prim. Trav. Sta. No. 29. Ohio, 1910"**	**38 46 33.3**	**84 03 26.7**
Brown-Clermont county line, stone on n. side of pike	38 46 35.5	84 03 09.2
Schoolhouse No. 9, center of pike opposite.....	38 46 42.8	84 02 03.1
Boudesferry, center of +roads, 20 ft. e. and 15 ft. n. to s. w. corner of porch of house.....	38 46 51.2	84 00 37.7
Augusta, Ky., cupola of public-school building.....	38 46 24.9	84 00 11.7

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Utopia north to Feesburg via highways		
Utopia, 1 mi. n. of; center of road at short lane to P. T. Barthlow's residence on top of hill	38 47 18.8	84 03 16.6
Cedron, center of covered bridge over Bullskin Creek	38 48 18.7	84 03 16.8
Cedron, about 0.3 mi. e. of; stone on Brown-Clermont co. line	38 48 21.8	84 02 55.2
Forks of road near forks of Bullskin Creek, 15 ft. s. and 5 ft. e. to cross cut on large sycamore tree	38 48 37.2	84 02 29.4
Steel bridge over Bullskin Creek, just e. of; center of pike at road s., 15 ft. s. to sycamore tree	38 49 09.4	84 02 32.8
A. E. Cooper's mail box, 10 ft. n. of; pike at dirt road s	38 49 25.7	84 01 30.7
Wm. Metzker's mail box, center of pike at T road n. e.	38 49 05.8	84 00 37.7
Barr's schoolhouse No. 8, center of T pike s. w.	38 50 15.4	84 00 08.6
Barr's schoolhouse No. 8, 1.2 mis. n. w. of, 35 ft e. and 15 ft. n. to Goslin's mail box, forks of pike	38 51 02.1	84 00 57.7
Feesburg, 1 mi. s. w. of; e. point of triangle at forks of pike	38 52 02.3	84 00 43.7
Feesburg, center of crossroads (on Georgetown quad.)	38 52 42.18	83 59 55.87

Bidwell Quadrangle

Near southwest corner of quadrangle

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 6 N., R. 17 W., n. e. corner of sec. 26	38 48 06.0	82 28 46.7
Near south border of quadrangle		
Marion Childers's farm, road s. e. from pike, 27 ft. s. to small apple tree, 54 ft. n. e. to telephone pole	38 47 50.2	82 29 58.6

Blanchester Quadrangle

Blanchester to blind siding via B. & O. Southwestern Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Blanchester station, crossing 320 ft. e. of	39 17 31.4	83 59 14.2
Midland station, crossing 310 ft. w. of	39 18 13.7	83 54 35.4
Midland station	39 18 14.4	83 54 31.5
Cuba station, 300 ft. s. of; crossing under railroad	39 21 41.0	83 51 58.1
Milepost 52, crossing 450 ft. n. of	39 23 59.4	83 51 17.8
Wilmington, B. & O. Ry. station at	39 26 36.6	83 49 25.2
Northwest-southeast road crossing	39 27 41.1	83 46 11.2
Blind siding, crossing 450 ft. w. of head block at	39 27 56.2	83 45 05.3

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Near south border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Road southeast	39 16 54.1	83 59 43.1
Pike road southeast	39 15 42.0	83 59 19.3
Blanchester, crossroads 2 miles southeast of	39 16 06.0	83 58 13.9
Road northeast	39 15 36.7	83 57 39.7
T road southeast	39 15 58.1	83 56 37.8
Road south	39 16 24.6	83 55 16.7

Westboro to Klocks via B. & O. Southwestern Ry.

Westboro station, road crossing 300 feet west of	39 16 51.3	83 54 38.6
Crossing of north-south private road	39 16 35.5	83 53 48.0
Crossing of north-south private road	39 16 17.7	83 52 45.3
Crossing of north-south road	39 16 00.6	83 52 02.7
Klocks station, road crossing at	39 15 24.5	83 50 14.3
Crossing of north-south private road	39 15 06.7	83 49 21.1

Near southeast corner of quadrangle northeast along highways

T road south	39 15 12.9	83 45 55.0
Highland-Clinton county line	39 15 49.9	83 46 59.4
Road east	39 16 48.6	83 46 21.8
Bridge, T road north at	39 17 23.2	83 45 55.6

West along Baltimore & Ohio Southwestern Ry.

Road crossing under trestle	39 19 14.8	83 45 12.8
Farmers station, Main Street crossing	39 19 13.9	83 45 48.9

Near west border of quadrangle south along highways

Harveysburg, 1.5 mis. e. of, on n. side of pike at Warren-Clinton county line; iron post	39 29 48.5	83 59 01.4
Jonahs Run Church, T road south near	39 29 46.9	83 58 54.6
Jonahs Run Church, in s. e. cor. of foundation; alum. tab. stpd. "**Prim. Trav. Sta. No. 50. Ohio, 1909**," elev. 943	**39 29 46.6**	**83 58 48.1**
T road west	39 29 08.7	83 58 56.8
Hickoryville, just west of; T road east	39 27 53.2	83 59 41.0
Road west	39 27 10.4	83 59 37.1
Vandervorts crossroads	39 26 39.6	83 59 18.7
T road west	39 25 46.0	83 58 59.0
Penn. Ry. at priv. road crossing, *azimuth of Ry. 60° 01′*	39 24 25.2	83 58 37.9
Clarksville, + of Wilmington-Cincinnati pike and Main St.	39 24 03.3	83 58 50.6
Intersection of Wilmington-Cin. pike & Blanchester road.	39 23 40.6	83 59 15.3

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T road northwest	39 22 04.5	83 58 17.9
Crossroads	39 21 33.8	83 59 04.2
T road southeast	39 21 11.9	83 59 37.3
Blanchester, 3 miles northeast of; crossroads	39 19 45.5	83 58 08.7
Road forks north	39 18 55.4	83 59 01.8
T road	39 17 53.1	83 59 32.9
Clarksville, about 0.3 mi. s. w. of station, s. switch block.	39 24 03.2	83 59 27.1
Clarksville, 0.2 mile w. of, s. side of pike; Clinton-Warren county line post	39 24 05.5	83 59 33.5
Near east and north border of quadrangle along highways		
Bridge, crossroads at	39 20 16.3	83 45 34.3
Farmers station, crossroads 3 miles north of	39 21 15.4	83 45 33.9
Church, T road northeast at	39 21 59.0	83 46 11.0
Lane southeast	39 22 46.4	83 45 55.5
T road northeast	39 24 08.2	83 45 19.4
T road southeast	39 29 31.3	83 45 40.9
T road east	39 29 54.9	83 47 06.4
Deserted camp, 1.5 mis. n. of, just e. of Samuel Speer's res., 40 ft. n. and 15 ft. w. to cen. of T road e., 15 ft. w. and 125 feet s. to center of T road west; iron post stamped "**Prim. Trav. Sta. No. 57. Ohio, 1909**"	**39 29 54.5**	**83 47 06.3**
Crossroads	39 29 57.8	83 50 27.2

Bluffton Quadrangle

Near north border of quadrangle west along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Tps. 1 N. & 1 S., Rs. 9 & 10 E., cor. of secs. 1, 6, 31, & 36	40 59 36.5	83 45 56.3
Tps. 1 N. & 1 S., R. 9 E., corner of secs. 3, 4, 33, & 34	40 59 35.9	83 49 23.1
Tps. 1 N. & 1 S., R. 9 E., corner of secs. 5, 6, 31, & 32	40 59 35.4	83 51 41.3
Tps. 1 N. & 1 S., R. 8 E., corner of secs. 1, 2, 35, & 36	40 59 35.1	83 53 59.1
Tps. 1 N. & 1 S., R. 8 E., corner of secs. 3, 4, 33, & 34	40 59 34.7	83 56 17.5
Tps. 1 N. & 1 S., R. 8 E., corner of secs. 5, 6, 31, & 32	40 59 34.0	83 58 36.2
Near west border of quadrangle north along highways		
Pensylvania R. R. at road crossing between Rs. 7 & 8 E., between tracks, *azimuth of railroad 82° 21′ 09″*	40 45 13.7	83 59 38.7
T. 3 S., Rs. 7 & 8 E., cor. of secs. 24 & 25 (e. cor.); cor. stone	40 45 36.7	83 59 38.8
T. 3 S., Rs. 7 & 8 E., corner of secs. 13, 18, 19, & 24; cor. stone	40 46 29.0	83 59 38.9
T. 3 S. Rs. 7 and 8 E., corner of secs. 7, 12, 13, and 18, at crossroads; corner stone	40 47 21.1	83 59 39.2
T. 3 S., Rs. 7 & 8 E., w. cor. of secs. 1 & 12; corner stone	40 48 13.3	83 59 39.5

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Lake Erie & Western Ry. road crossing between Rs. 7 & 8 E., *azimuth of railroad 229° 10′ 15″*	40 49 17.4	83 59 40.1
T. 2 S., R. 7 E., n. e. cor. of sec. 36, in field owned by Louis Roberts, n. e. cor. of Robert's residence bears S. 78° E., distant 63.3 ft., nail in telephone pole on s. side of pike bears N. 12° 15′ E., distant 8.6 ft.; aluminum tablet set in stone 7 by 16 by 24 in. set 20 in. in ground, stamped **"Prim. Trav. Sta. No. 2"**	**40 49 57.7**	**83 59 40.8**
T. 2 S., Rs. 7 & 8 E., e. cor. of secs. 24 & 25, at T road. w.	40 50 51.4	83 59 40.9
T. 2 S., Rs. 7 and 8 E., east corner of secs. 13 and 24, at T road west; corner stone	40 51 44.1	83 59 41.5
Tps. 1 & 2 S., Rs. 7 & 8 E., cor. of secs. 1, 6, 31, & 36, at T road n., 24 ft. s. w. to cross cut on telephone pole, 30 ft. n. w. to arrow on corner fence post	40 54 18.8	83 59 42.7
T. 1. S., R. 7 E., cor. of secs. 25 & 36, at T road w., 18 ft. s. w. to cross on s. end of culvert, 30 ft. n. w. to cross on corner fence post	40 55 11.4	83 59 43.1
T. 1. S., R. 7 E., in n. e. corner of sec. 25 in field owned by John Keine, W. J. Luginbill's mail box bears N. 15° E., dis. 39.5 ft., cross cut on third layer of stone retaining wall to cul. bears N. 87° E., dis. 14.5 ft.; in top of Bedford limestone post 30 x 16 x 6 in., set 27 in. in ground, aluminum tab. stamped **"Prim. Trav. Sta. No. 3"**	**40 56 03.6**	**83 59 43.8**
Northern Ohio Ry. at road crossing between Rs. 7 and 8 E., *azimuth of railroad 246° 59′ 59″*	40 56 08.9	83 59 43.6

Bobo Quadrangle

(Engraved on Van Wert sheet)

Indiana-Ohio State line south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Tps. 1 N. and 1 S., R. 1 E., w. cor. of secs. 6 & 31; T road e.	40 59 22.3	84 48 10.6
T. 29 N., R. 15 E., e. corner of secs. 11 and 14; T road west	40 58 51.1	84 48 10.4
T. 1 S., R. 1 E., west corner of secs. 6 and 7; T road east.	40 58 30.2	84 48 10.3
T. 29 N., R. 15 E., e. corner of secs. 14 and 23; T road w..	40 57 59.3	84 48 10.2
T. 1 S., R. 1 E., west cor. of secs. 7 and 18; T road east..	40 57 38.1	84 48 10.2
T. 29 N., R. 15 E., east cor. of secs. 23 and 26; T road w..	40 57 07.1	84 48 10.0
T. 1 S., R. 1 E., w. corner of secs. 18 and 19; T road east..	40 56 46.4	84 48 09.9
Tps. 28 & 29 N., R. 15 E., e. cor. of secs. 2 & 35; T road west	40 56 14.5	84 48 09.7
T. 1 S., R. 1 E., west corner of secs. 19 & 30; T road east.	40 55 53 7	84 48 09.6
T. 28 N., R. 15 E., e. corner of secs. 2 & 11; T road west..	40 55 21.7	84 48 09.4
T. 1 S., R. 1 E., west corner of secs. 30 & 31; T road east..	40 55 01.0	84 48 09.3
Tps. 1 & 2 S., R. 1 E., w. cor. of secs. 6 & 31; T road east	40 54 08.5	84 48 08.9
T. 28 N., R. 15 E., e. corner of secs. 14 and 23; T road w .	40 53 34.3	84 48 08.6
Wolfcale, 2 mis. w. of, at s. e. cor. of T road e.; 25 ft. n. & 20 ft. west to w. cor. of secs. 6 & 7, T. 2 S., R. 1 E.; iron post stamped **"Prim. Trav. Sta. No. 20. Ohio, 1909"**	**40 53 16.3**	**84 48 08.3**

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T. 28 N., R. 15 E., e. corner of secs, 23 & 26; T road west, near church	40 52 42.0	84 48 08.2
T. 2 S., R. 1 E., west corner of secs. 7 and 18; T road east	40 52 24.4	84 48 08.0
T. 28 N., R. 15 E., east corner of secs. 26 & 35; T road west	40 51 49.7	84 48 07.8
Tps. 27 & 28 N., R. 15 E., e. cor. of secs. 2 & 35; T road w.	40 50 57.6	84 48 07.4
T. 2 S., R. 1 E., west corner of secs. 19 & 30; T road east	40 50 39.8	84 48 07.2
T. 27 N., R. 15 E., e. corner of secs. 2 & 11; T road west	40 50 05.3	84 48 07.0
T. 2 S., R. 1 E., west corner of secs. 30 & 31; T road east	40 49 47.4	84 48 07.1
Tps. 2 & 3 S., R. 1 E., w. cor. of secs. 6 & 31; T road east	40 48 54.7	84 48 06.8
T. 27 N., R. 15 E., east corner of secs. 11 and 14	40 48 20.9	84 48 10.2
T. 3 S., R. 1 E., west corner of secs. 6 and 7; T road east	40 48 03.0	84 48 06.6
T. 27 N., R. 15 E., east corner of secs. 23 and 26	40 46 36.2	84 48 06.8
Willshire, Ohio, 1.5 mis. n. of, at n. e. cor of T road e.; 30 ft. s. & 20 ft. w. to w. cor. of secs. 18 & 19, T. 3 S., R. 1 E.; iron post stamped "Prim. Trav. Sta. No. 21. Ohio, 1909"	40 46 18.6	84 48 06.7

Near south border of quadrangle

Stations	Latitude	Longitude
	° ′ ″	° ″ ′
Willshire, T. St. L. & W. Ry. crossing at e. end of bridge over St. Marys River	40 45 09.3	84 47 31.4
T. 3 S., R. 1 E., quarter cor. between secs. 28 and 29; T road n. (on Celina quad.)	40 44 59.8	84 45 54.9

Bowling Green Quadrangle

From point near Dowling south via. T. & O. C. Ry. to point near Mermill

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Crossing of telephone line road	41 29 50.4	83 35 15.5
Dowling station, crossing 250 feet north of	41 28 40.4	83 35 53.6
Dowling, 1¼ miles s. w. of; corner of secs. 20, 21, 28, 29	41 27 27.8	83 36 35.4
Telephone line road	41 25 13.3	83 37 46.2
Bowling Green station, 200 ft. n. of; telephone road +	41 22 33.2	83 38 40.8
Corner of Tps. 4 and 5 N., Rs. 10 and 11 E	41 20 31.3	83 39 02.4
Portage station, crossing 150 feet south of	41 19 35.9	83 38 44.8
Mermill station, crossing 200 feet north of	41 17 51.0	83 38 44.3
Corner of Tps. 3 and 4 N., Rs. 10 and 11 E	41 15 14.0	83 39 00.6

Near west border of quadrangle north along highways

T. 4 N., R. 10 E., corner of secs. 28, 29, 32, and 33	41 16 09.8	83 43 40.0
T. 4 N., R. 10 E., corner of secs. 20, 21, 28, and 29	41 17 02.0	83 43 40.3
T. 4 N., R. 10 E., corner of secs. 4, 5, 8, and 9	41 19 38.8	83 43 41.4
Tps. 4 and 5 N., R. 10 E., corner of secs. 4, 5, 32, and 33	41 20 34.4	83 43 42.3
T. 5 N., R. 10 E., corner of secs. 20, 21, 28, and 29	41 22 18.9	83 43 41.8

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T. 5 N., R. 10 E., quarter corner between secs. 8 and 17	41 24 03.8	83 44 16.7
Tps. 5 & 6 N., R. 10 E., quarter cor. between secs. 5 & 32	41 25 48.2	83 44 16.9
T. 6 N., R. 10 E., quarter corner between secs. 29 and 32	41 26 40.1	83 44 17.8
T. 6 N., R. 10 E., quarter corner between secs. 17 and 20	41 28 25.2	83 44 17.9
T. 6 N., R. 10 E., corner of secs. 14, 15, 22, and 23.....	41 28 24.0	83 41 23.3
T. 6 N., R. 10 E., corner of secs. 13, 14, 23, and 24.....	41 28 23.9	83 40 13.8
Waterville station, about 800 feet southwest of; east-west pike crossing on Clover Leaf Route.....	41 29 55.9	83 43 35.5

Meridian Marks

Bowling Green, in southwest corner of court house grounds; a limestone post 36 by 7 by 5 inches, set 34 inches in the ground, in the center of top of which is countersunk and cemented a bronze tablet. Reference mark: West line of grounds, 21 feet; south line of grounds, 12 feet.

Distant mark: North of station, 352 feet, a limestone post 36 by 7 by 5 inches, set 36 inches in the ground, having a copper bolt cemented in its top.

Brinkhaven Quadrangle

Near Tunnel Hill east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Tunnel Hill, 1 mile east of; center of T road south, 10 ft. south to center of triangle, 40 feet southwest to maple.	40 15 19.6	82 02 02.6
Tunnel Hill, 1.5 miles east of; T road north, 27 feet due south to cross on fence post.....	40 15 29.1	82 01 30.1
Tunnel Hill, 2 miles east of, near northwest corner of field of Wm. L. Wright, northeast corner of Wright's house bears S. 14° W., distant 87 feet; iron post stamped, "**Prim. Trav. Sta. No. 56,1905**"	**40 15 18.9**	**82 00 32.8**

Near Tunnel Hill north along Penna. Ry.

Tunnel Hill, 1 mile north of; road crossing.....	40 16 12.0	82 02 09.0
Tunnel, north end of.....	40 16 34.1	82 01 53.7
Warsaw, 2.6 miles s. of; road + 40 feet east to T road w.	40 17 23.7	82 00 47.2
Warsaw, 1.6 miles south of; road crossing at siding, 200 feet west to covered highway bridge.....	40 18 17.2	82 00 35.3
Warsaw Junction, crossing of Pittsburg, Cincinnati, Chicago & St. L., and C. A. & C. Rys., 100 feet east of station..	40 19 43.8	82 00 27.6

Near Brinkhaven, west along highways

Baddow Pass, center of highway bridge over Cleveland, Akron & Columbus Ry. at north end of summit cut....	40 29 32.7	82 08 39.5
Crossroads near top of hill, 30 feet s. w. to corner fence post, 25 feet southeast to corner of fence	40 29 33.7	82 09 25.7
Brinkhaven, 1 mi. n. of; cen. of triangle at forks of road.	40 28 58.5	82 11 30.3

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Near Mohican River via Pennsylvania Ry.

Mohican River bridge, center pier	40 29 48.4	82 11 22.2

Warsaw Junct. to Walhonding via Penns. Ry. thence to Zuck, west along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Warsaw Junction, 100 ft. e. of sta.; cen. of crossing of C. A. & C. Ry. and Pennsylvania Ry	40 19 43.8	82 00 27.6	.....
Milepost C-11, 530 ft. east of; road crossing	40 19 56.4	82 02 08.8	7,936
Mohawk, opposite semaphore at sta.; cen. of track	40 20 11.9	82 04 04.7	9,107
Walhonding Run, siding west of highway bridge; center of road crossing at	40 21 10.2	82 05 25.9	8,617
Township line north-south	40 21 13.8	82 05 30.7	522
Road crossing	40 21 15.3	82 06 53.4	6,401
Walhonding, in e. part of, 75 ft. e. and 30 ft. n. to cen. of triangle in forks of road at Sam Priest's blacksmith shop; iron post stamped "**Prim. Trav. Sta. No. 68. Ohio, 1910**"	**40 21 32.2**	**82 08 25.3**	**7,310**
Pennsylvania Ry. crossing	40 22 01.4	82 09 33.0	6,013
Knox-Coshocton county line, center of road at	40 22 32.4	82 11 19.8	8,834
Reily Chapel, center of crossroads	40 22 41.1	82 12 01.7	3,354
Gambel schoolhouse, cen. of T road n., 15 ft. n., to cen. of triangle	40 23 02.8	82 13 20.6	6,482
Zuck, 0.2 mile e. of; cen. of triangle at n. end of steel bridge over the Kokosing river, 25 feet s. and 10 feet e. to n. end of bridge	40 22 45.4	82 14 13.7	4,467
Zuck, steel brdg. over Walhonding River, cen. of	40 22 40.9	82 14 30.4	1,365

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Danville, 1.75 mis. s. e. of; cen. of T rd. e., 200 ft. n. to rd. fork n. w., 5 ft. e. to cen. of triangle, 40 ft. n. e. to mail box	40 26 02.1	82 14 39.9
T road w., 15 ft. s. to culvert, 30 ft. n. w. to stump corner post to wire fence	40 25 19.7	82 14 42.2
Danville, 3 mis. s. of; +roads, 30 ft s. e. to oak, 50 ft. n. e. to corner picket fence	40 24 37.8	82 14 44.0
T. 7 N., R. 10 W., stone cor. of secs. 17, 18, 23, and 24, n. edge of T road to w., 500 ft. s. of red barn	40 23 59.2	82 14 45.5
Two-story white house, 700 ft. w. of; cen. of T road north	40 23 09.9	82 14 17.5
Zuck, 0.25 mile e. of; center of triangle at three cor. at n. end of bridge over Kokosing River	40 22 45.4	82 14 13.7
Brush Run, four cors. 150 ft. n. e. of schoolhouse, 10 feet n. w. to center of plank bridge, 150 feet n. to center of Brush Run Bridge	40 22 05.4	82 14 34.3
Brush Run schoolhouse, at n. e. cor., 150 feet n. e. to four cors., iron post stpd. "**Prim. Trav. Sta. No. 19. Ohio, 1907**"	**40 22 04.2**	**82 14 35.5**
Brush Run schoolhouse, 1 mi. south of; center of triangle at road forks west and southeast	40 21 22.2	82 14 35.6

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Esto, 1 mi. w. of; stone on n. edge of e.-w. rd. at T rd. n..	40 20 00.8	82 14 47.5
Esto, T road s., 25 ft. s. w. to front-yard gate 45 ft. n. w. to store door	40 20 03.2	82 13 48.1
Tps. 5 and 6 N., R. 10 W., stone corner of secs. 2, 3, 22, and 23, on Butler-Jackson township line	40 18 43.2	82 13 51.1
Dennis Chapel, 900 ft. n. e. of; cor. of secs. 2, 3, 22, and 23, Tps. 5 and 6 N., R. 10 w., 0.3 mi. s. of; center of triangle at road forks, 30 ft. n. e. to locust tree	40 18 25.4	82 13 53.0
Dennis Chapel, 0.75 mile s. w. of; T road n. e., 30 ft. e. to center of triangle, 30 feet north to telephone pole	40 17 55.4	82 14 17.8
Crossroads near top of hill, 40 feet n. e. to maple tree, 40 feet northwest to wild-cherry tree	40 17 13.8	82 14 34.0
Dennis Chapel, 2.5 mis. s. and 0.5 mi. w. of; T road north	40 16 21.0	82 14 34.9
Mount Zion Church, 250 feet. n. w. of; guidepost at five corners, marked "Fallsburg 3¾ miles, New Castle 8 miles, Bladensburg 3 miles"	40 15 17.1	82 14 53.1

Bristolville Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Forks of road	41 29 20.6	80 53 49.4
Schoolhouse, four corners at	41 29 20.3	80 52 46.3
Four corners on State road	41 29 20.5	80 52 05.7

Near west border of quadrangle north along highways

Phalanx postoffice, crossroads at, 20 ft. s. e. to guidepost, 18 feet west to stone in road	41 15 39.5	80 58 43.9
Phalanx postoffice, Y road 0.5 mi. n. of; 24 ft. n. to cross on telephone pole, 30 feet east to cross on gatepost	41 16 12.6	80 58 38.9
Crossroads, T. 5 N., R. 5 W	41 17 38.6	80 59 01.1
Crossroads, 40 ft. n. e. to cross on telephone pole, 40 feet n. w. to cross on fence post	41 18 30.3	80 59 01.0
T road east	41 19 43.2	80 59 00.9
Crossroads at schoolhouse, T. 5 N., R. 5 W.; 20 ft. n. e. to E. F. Culp's mail box, 45 ft. southeast to milk platform	41 20 21.4	80 59 00.7
T. 6 N., R. 5 W., stone 0.2 mile south of forks in road	41 21 42.0	80 59 00.3
West Farmington, 1.5 mis. s. w. of, in G. A. McKay's orchard, 120 feet n. e. of State road at road n. e., s. w. corner of McKay's house bears N. 54° 50′ E., distant 211 feet; nail in e. face of elm tree on w. side of road bears N. 27° 55′ W., distant 48.7 feet.; iron post stamped "**Prim. Trav. Sta. No. 31**"	**41 22 37.1**	**80 59 45.4**
B. & O. Ry. at road crossing	41 24 09.1	80 59 24.5
Bundysburg, large flag pole at road intersection (on Garrettsville quad)	41 25 17.9	81 00 17.4

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Near Phalanx		
Phalanx station, 1 mile west of, road crossing of Erie Ry.	41 15 12.8	80 58 39.8

Brookville Quadrangle

South part of quadrangle west along Pittsburgh, Cincinnati, Chicago & St. Louis Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Crossing of north-south road	39 46 26.7	84 15 12.5
Cincinnati, Hamilton & Dayton Ry., crossing of	39 46 44.2	84 15 55.9
Milepost 35, road crossing 500 feet west of	39 47 23.0	84 17 33.0
Trotwood, crossing of north-south road at	39 47 50.1	84 18 40.6
Milepost 33, road crossing ⅓ mile west of	39 48 17.4	84 19 48.9
Mileposts 31 and 32, road crossing between	39 48 43.5	84 20 53.9
Airhill, crossing of north-south road	39 49 10.5	84 22 01.0
Mileposts 29 and 30, crossing of north-south road between	39 49 38.4	84 23 10.2
Brookville station, road crossing 200 feet west of	39 50 13.1	84 24 36.9
Milepost 27, crossing of north-south road	39 50 33.6	84 25 28.4
Dodson, crossing of north-south road	39 51 02.1	84 26 40.1
Bachman northwest via Dayton & Union R. R.		
Bachman, crossing of National road	39 51 46.4	84 27 29.0
Wengerlawn, crossing of east-west road	39 52 26.2	84 27 58.9
Wrights, road crossing	39 53 20.4	84 28 40.0
Gillispie's road crossing	39 53 55.1	84 29 06.0
West Baltimore, road crossing	39 54 12.6	84 29 19.0
Mileposts 20 and 21, north-south road crossing between	39 54 41.5	84 29 40.6
Near north border of quadrangle west along highways		
Tps. 4 and 6 N., Rs. 5 and 6 E., cor. of secs. 1, 6, 7, and 12	39 59 42.0	84 15 27.7
Burckett pike crossing on "Big Four Route"	39 59 41.9	84 15 49.0
T. 6 N., R. 5 E., corner of secs. 2, 3, 10, and 11	39 59 40.5	84 17 41.9
Burckett pike crossing, on curve of "Big Four Route"	39 59 39.7	84 18 36.6
Ludlow Falls station, T road east, 0.5 mile south of	39 59 37.9	84 20 08.6
Ludlow Falls station, road crossing 160 feet west of	39 59 50.7	84 20 14.2
Crossing of north-south road near milepost No. 316, *azimuth of railroad 97° 18′*	39 59 31.8	84 21 40.7
Laura station, pike crossing 1 mile east of	39 59 31.5	84 23 34.4
Laura station, crossing on north-south road at	39 59 25.4	84 24 30.6
T. 7 N., R. 4 E., corner of secs. 3, 4, 9, and 10	39 59 32.5	84 25 38.2
Crossing of north-south section line road	39 59 19.3	84 26 47.0
Crossing of north-south section line	39 59 18.8	84 27 54.0

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Pittsburgh, crossing of north-south township line, *azimuth of tangent, "Big Four Route" 89° 26'*	39 59 18.2	84 29 14.3
Near west border of quadrangle south along highways		
Tps. 7 and 8 N., Rs. 3 and 4 E., cor. of secs. 7, 12, 13, and 18	39 58 36.2	84 29 13.2
Germany, schoolhouse, crossroads about 900 feet east of	39 57 45.1	84 28 49.3
Crossroads	39 57 19.2	84 28 48.6
Schoolhouse No. 6, T road south at	39 56 01.5	84 28 59.3
Crossroads at Darke-Montgomery county line	39 55 07.5	84 28 58.1
West Baltimore, (Verona P. O.),Tps. 6 and 7 N., Rs. 3 and 4 E., corner of secs. 1, 6, 12, and 7	39 54 12.6	84 29 06.5
Dayton & Union R. R., at crossing of county line	39 53 55.1	84 29 06.0
Tps. 6 & 7 N., Rs. 3 & 4 E., corner of secs. 7, 12, 13, & 18	39 53 20.1	84 29 05.0
Tps. 6 & 7 N., Rs. 3 & 4 E., cor. of secs. 13, 18, 19, and 24, *azimuth of Penn. Ry., 0.5 mi. n. of national road, 297° 27*	39 52 27.7	84 29 03.6
Crossing of national road and county line road	39 51 36.5	84 29 02.2
Tps. 6 & 7 N., Rs. 3 & 4 E., corner of secs. 25, 30, 31, & 36	39 50 42.6	84 29 00.9
Tps. 5, 6, & 7 N., Rs. 3 & 4 E., cor. of secs. 1, 6, 31, and 36	39 49 50.2	84 28 59.8
Tps. 5 & 6 N., Rs. 3 & 4 E., quar. cor. between secs. 7 & 12	39 48 37.2	84 28 58.1
Tps. 5 & 6 N., Rs. 3 & 4 E., cor. of secs. 7, 12, 13, & 18	39 48 11.2	84 28 57.5
Tps. 5 & 6 N., Rs. 3 & 4 E., cor. of secs. 13, 18, 19, & 24	39 47 18.7	84 28 56.3
Tps. 5 & 6 N., Rs. 3 & 4 E., cor. of secs. 19, 24, 25, & 30	39 46 26.9	84 28 55.0
Tps. 5 & 6 N., Rs. 3 & 4 E., cor. of secs. 25, 30, 31, & 36	39 45 34.4	84 28 53.9

Bryan Quadrangle

West along Lake Shore & Michigan Southern Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Milepost 52, road crossing near	41 29 14.9	84 30 27.2
Milepost 53, road crossing near	41 29 07.1	84 31 14.8
Road crossing northeast-southwest	41 29 02.0	84 31 45.2
Mileposts 53 and 54, north-south road crossing between	41 28 57.9	84 32 10.3
L. S. & M. S. Ry. and Cincinnati Northern Ry. crossing	41 28 54.3	84 32 32.1
Bryan, road crossing at	41 28 50.0	84 32 58.0
Bryan, road crossing at	41 28 49.2	84 33 02.5
Bryan station	41 28 48.8	84 33 04.9
Road crossing over railroad	41 28 36.1	84 34 21.6
Mileposts 56 and 57, north-south road crossing between	41 28 23.8	84 35 35.8
Road crossing over railroad	41 28 12.1	84 36 46.0
Milepost 59, north-south road crossing near	41 28 00.7	84 37 55.1
Melbern station	41 27 49.7	84 39 01.3
Milepost 60, north-south road crossing near	41 27 49.4	84 39 03.2

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Road crossing over railroad	41 27 37.4	84 40 15.0
Milepost 62, north-south road crossing near	41 27 25.5	84 41 27.1
Mileposts 62 and 63, road crossing between	41 27 21.4	84 41 52.1
Milepost 63, north-south road crossing near	41 27 13.8	84 42 37.8
Milepost 64, north-south road crossing near	41 27 02.6	84 43 45.9
Edgerton, road crossing at	41 26 54.7	84 44 33.3
Edgerton station	41 26 53.2	84 44 42.7
Edgerton, main street crossing	41 26 51.6	84 44 52.1

Along west border of quadrangle south along highways

Edgerton, 3 mi. n. of, in s. w. cor. of yard of schoolhouse No. 22, St. Joseph Township, s. w. cor. of schoolhouse bears N. 62° 40′ E., distant 61 feet; iron post stamped **"Prim. Trav. Sta. No. 21, 1905"**	**41 29 39.1**	**84 44 56.5**
T. 6 N., R. 1 E., cor. of secs. 9, 10, 15, and 16; T road west	41 29 02.5	84 44 53.7
T. 6 N., R. 1 E., secs. 15, 16, 21, and 22; T road east	41 28 10.3	84 44 52.9
T. 5 N., R. 1 E., n. w. cor. sec. 3, Defiance-Williams co. line	41 25 33.9	84 44 55.3
T. 5 N., R. 1 E., cross roads	41 25 24.6	84 44 55.3
T. 5 N., R. 1 E., corner of secs. 3, 4, 9, and 10; crossroads	41 24 41.5	84 44 54.8
T. 5 N., R. 1 E., corner of secs. 9, 10, 15, and 16; +roads	41 23 49.6	84 44 53.9
T. 5 N., R. 1 E., corner of secs. 15, 16, 21, and 22; +roads	41 22 57.3	84 44 53.1
T. 5 N., R. 1 E., corner of secs. 21, 22, 27, and 28; +roads	41 22 05.2	84 44 52.2
T. 5 N., R. 1 E., 4 miles north of Hicksville, northwest corner sec. 34, northwest corner of yard of schoolhouse No. 9, limestone post 38 by 6 by 4 inches; aluminum tablet stamped **"Prim. Trav. Sta. No. 22"**	**41 21 12.8**	**84 44 51.1**
Tps. 4 & 5 N., R. 1 E., cor. of secs. 3, 4, 33, & 34; + roads	41 20 21.0	84 44 50.7
T. 4 N., R. 1 E., corner of secs. 3, 4, 9, and 10; crossroads	41 19 29.7	84 44 50.3
Hicksville, Bryan-Hicksville pike at road n. 1 mile n. e. of	41 18 11.8	84 44 49.4

Near southeast corner of quadrangle north along highways

The Bend, railroad crossing, 60 feet east of station	41 16 57.9	84 30 55.4
T. 4 N., R. 3 E., cor. of secs. 15, 16, 21, and 22; cross pikes	41 17 47.4	84 30 55.9
T. 4 N., R. 3 E., cor. of secs. 9, 10, 15, and 16; crossroads	41 18 39.6	84 30 56.3
T. 4 N., R. 3 E., corner of secs. 3, 4, 9, and 10; crossroads	41 19 31.9	84 30 56.6

Near east border of quadrangle north along Cincinnati Northern Ry.

Moats, railway crossing 0.5 mile north of	41 20 23.6	84 31 30.8
Moats, railway crossing 1.5 miles north of	41 21 16.1	84 31 31.5
Ney, 0.5 mi. s. of, in n-w cor. of pasture owned by John Burt, at e-w crossing on B. & O. Ry., nail in n. face of walnut tree bears S. 6° W., distant 18 feet, e. rail of track at n-s crossing bears N. 74° W., distant 51 ft.; iron post stamped **"Prim. Trav. Sta. No. 14, 1905"**	**41 22 34.5**	**84 31 31.9**
Ney, east-west railway crossing 1 mile north of	41 23 53.0	84 31 33.5

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Ney, east-west railway crossing 2 miles north of.....	41 24 45.0	84 31 34.1
Defiance-Williams county line, east-west road crossing on Cincinnati Northern Ry.....	41 25 37.6	84 31 34.7
Defiance-Williams Co. line, e.-w. road +ing 1 mile n. of	41 26 30.1	84 31 35.4
Bryan, east-west crossing 1.25 miles southeast of.....	41 27 22.7	84 31 38.5
Bryan, crossing 400 feet south of tank on C. N. Ry.....	41 28 07.6	84 32 31.7

West near south border of quadrangle

T. 3 N., R. 2 E., northeast corner of sec. 3, in northeast cor. of field of Henry Martin; iron post stamped "**Prim. Trav. Sta. No. 7, 1905**"...	**41 15 10.1**	**84 36 40.2**
T 4 N., R. 2 E., south corner of secs. 33 and 34; T road n.	41 15 10.0	84 37 48.6
T. 4 N., R. 2 E,, south cor. of secs. 32 and 33 of T road n.	41 15 09.8	84 38 58.2
Tps. 3 & 4 N., Rs. 1 & 2 E., cor. of secs. 1, 6, 31, & 36; + roads	41 15 09.1	84 41 20.4
T. 3 N., R. 1 E., north corner of secs. 1 and 2; T road south	41 15 09.0	84 42 29.8
T. 4 N., R. 1 E., south corner of secs. 34 and 35.....	41 15 09.1	84 43 39.4

Bucyrus Quadrangle

Near southwest corner of quadrangle along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Northeast-southwest pike road and road south.....	40 47 38.8	82 59 53.4
Col. Marion & Bucyrus Ry. at rd. n.....	40 46 38.5	82 59 52.7
Bucyrus, 2 miles s. w. of; Penn. Ry. +ing, *azimuth 34° 22′*	40 46 31.7	82 59 14.9

Near northwest corner of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Tps. 1 N. & 1 S., R. 16 E., cor. of secs. 34, 35, 2, & 3; road e.-w.	40 59 36.2	82 59 49.6
T. 1 S., R. 16 E., cor. of secs. 3, 2, 11, and 10; road e.-w.	40 58 45.3	82 59 49.7
T. 1 S., R. 16 E., cor. of secs. 10, 11, 14, and 15; road e.-w.	40 57 52.9	82 59 49.7
Northern Ohio Ry., road crossing on, *azimuth 89° 50′*...	40 57 26.5	82 59 49.9
T. 1 S., R. 16 E., cor. of secs. 14, 15, 23, and 22; road e.-w.	40 57 00.2	82 59 49.9
T. 1 S., R. 16 E., cor. of secs. 22, 23, 26, and 27; road e.-w.	40 56 07.9	82 59 50.0
T. 1 S., R. 16 E., cor. of secs. 27, 26, 35, and 34; road e.-w.	40 55 15.5	82 59 50.4
Tps. 1 & 2 S., R. 16 E., cor. of secs. 34, 35, 2, & 3; road e.-w.	40 54 23.4	82 59 50.8

Point near Bucyrus to point near Crestline along highways

Bucyrus, 2 miles southwest of; Pennsylvania Ry. crossing, *azimuth 34° 22′*.....	40 46 31.7	82 59 14.9
T. 3 S., R. 16 E., near quarter corner north side of sec. 26, southwest corner of field, T road east; iron post stamped "**Prim. Trav. Sta. No. 20. Ohio, 1906**".....	**40 45 39.6**	**82 59 13.7**

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T. 3 S., R. 16 E., northeast corner of sec. 25; center of east-west road at north-south fence	40 45 40.3	82 57 30.5
Milepost 75, e.-w. pike +ing on T. & O. C. Ry., 0.25 mi. n. of	40 45 41.0	82 56 51.3
T. 16 N., R. 21 W., northwest corner of sec. 27; T road east, 25 feet northeast & 27 feet southeast to cor. fence posts	40 45 20.8	82 51 27.2
T. 16 N., R. 21 W., northeast cor. of sec. 27; 24 feet s. w. to D. Johnson's mail box, 26 ft. n. w. to cor. fence post	40 45 20.8	82 50 20.5
T. 16 N., R. 21 W., northeast corner of sec. 26; 27 feet southwest and 30 feet southeast to corner fence posts	40 45 20.9	82 49 12.0
T. 16 N., R. 21 W., northeast corner stone of sec. 25	40 45 20.0	82 48 02.8
T. 20 N., R. 20 W., northeast corner stone of sec. 30	40 45 19.3	82 46 52.9
T. 20 N., R. 20 W., southeast corner stone of sec. 19	40 45 19.3	82 46 52.8
Crestline, 1 mile south and 1 mile west of, nail in cherry tree in corner of field bears N. 70° 10′, distant 40.9 feet; northeast corner of sec. 20 bears N. 53° W., distant 33.2 ft.; iron post stamped **"Prim. Trav. Sta. No. 22. Ohio, 1906"**	**40 46 10.2**	**82 45 54.5**

Near south border of quadrangle along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Prim. Trav. Sta. No. 22, 1906	**40 46 10.2**	**82 45 54.5**	.....
Crestline, 2 mi. s. w. of, road +, w. track Big 4 Ry.	40 45 20.4	82 45 34.8	5,270
Center of T road north (on Mt. Gilead quad.)	40 44 34.1	82 45 05.0	5,227

Through center of quadrangle west along highways

T. 21 N., R. 20 W., stone at cor. of secs. 4, 5, 8, & 9	40 53 10.1	82 45 46.2	.....
T. 21 N., R. 20 W., cor. of secs. 5, 6, 7, and 8	40 53 11 1	82 46 55.4	5,310
T. 21 N., R. 20 W., near cen. of sec. 7; cen. +roads	40 52 45.2	82 47 31.8	3,831
T. 17 N., R. 21 W., near cen. of sec. 12, T road e.	40 52 45.1	82 48 29.9	4,460
T. 17 N., R. 21 W., near center of sec. 12	40 52 45.3	82 48 29.9	25
Schoolhouse, center of T road south at	40 52 34.1	82 49 37.7	5,333
T. 17 N., R. 21 W., stone at w. cor. of secs. 10 and 15. 550 feet north to crossroads	40 52 19.1	82 51 17.4	7,816
Sulphur Springs, at s. e. cor. of crossing of Bucyrus pike and e.-w. st. at J. B. Bittikofer's res., 40 ft. w. and 10 ft. n. to cross sts.; iron post stamped **"Prim. Trav. Sta. No. 52. Ohio, 1910"**	**40 52 14.6**	**82 52 37.5**	**6.172**
T. 2 S., R. 17 E., stone at corner of secs. 9, 10, 15, and 16; center of T road west	40 52 40.3	82 54 06.1	7,288
T. 2 S., R. 17 E., stone at corner of secs. 8, 9, 16, and 17; T road east	40 52 40. 1	82 55 15.6	5,340
Brandywine, 0.7 mi. n. of; stone at cen. of +roads	40 52 25.3	82 56 24.2	5,477
Bucyrus, 5 miles north of; Bucyrus-Sandusky pike at road east	40 52 25.1	82 57 44.6	6,181
T. 2 S., R. 16 E., cor. of secs. 11, 12, 13, and 14; cen. of crossroads	40 52 38.3	82 58 42.1	4,616
T. 2 S., R. 16 E., cor. of secs. 10, 11, 14. and 15	40 52 38.4	82 59 51.6	5,340

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Near north border of quadrangle west along highways

T. 22 N., R. 20 W., n. e. cor. of secs. 5; stone, T road south	40 59 43.8	82 45 45.3
T road north, 20 feet west to stone corner	40 59 44.1	82 46 48.7
T. 18 N., R. 21 W., northeast corner of sec. 1, stone	40 59 44.8	82 47 47.1
T. 18 N., R. 21 W., n. e. cor. of sec. 2; T road s., 46 ft. s. e. to corner fence post, 48 feet s. w. to telephone pole	40 59 45.8	82 48 56 9
T. 18 N., R. 21 W., n. e. corner of sec. 3; T road south	40 59 47.0	82 50 05.5
T. 1 N., R. 17 E., near s. e. cor. stone of sec. 35, s. of road at T road n., 60 ft. e. of T road s., cor. sec. 35 bears N. 6° 15′ W., distant 15.5 feet, nail in lime tree bears N. 72° 45′ E., distant 111.5 feet; iron post stamped "**Prim. Trav. Sta. No. 26. Ohio, 1906**"	**40 59 35.8**	**82 51 44.4**
T. 1 S., R. 17 E., northeast corner of sec. 3; T road south, 20 feet due north to middle of gate	40 59 36.0	82 52 54.9
T. 1 N., R. 17 E., s. e. cor. of sec. 33; T road n., 36 ft. n. w. to s. end of picket fence, 30 ft. n. e. to cor. of yard fence	40 59 35.9	82 54 03.3
T. 1 S., R. 17 E., northeast corner of sec. 4; T road south.	40 59 35.9	82 54 04.1
Carrothers, 0.33 mile south of; center of crossroads	40 59 35.8	82 55 21.8
T. 1 N., R. 17 E., s. e. corner stone of sec. 31; T road n.	40 59 35.9	82 56 21.8
T. 1 S., R. 16 E., n. e. corner stone of sec. 1; crossroads	40 59 36.0	82 57 31.1
T. 1 S., R. 16 E., n. e. cor. of sec. 2; + roads, 40 feet s. e. to maple tree, 33 feet northeast to guidepost	40 59 36.0	82 58 40.2
Southeast corner of + roads, n. e. cor. stone sec. 3 bears S. 40° W., 37.7 feet; iron post stamped "**Prim. Trav. Sta. No. 27. Ohio, 1906**"	**40 59 36.0**	**82 59 48.8**
T. 1 N., R. 16 E., southeast corner stone of sec. 34	40 59 36.2	82 59 49.6

Near east border of quadrangle

T. 20 N., R. 20 W., n. e. cor. of sec. 17; T road n., 18 feet s. w. to telegraph pole, 29 ft. n. w. to cor. fence post	40 47 04.2	82 45 54.8
T. 20 N., R. 20 W., northeast corner of sec. 8, 20 feet due s. to center of small bridge	40 47 56.4	82 45 53.9
T. 20 N., R. 20 W., n. e. cor. sec. 5, 9 ft. n. w. to fence cor.	40 48 48.5	82 45 52.0
T. 21 N., R. 20 W., northeast corner of sec. 32; + roads, 27 feet northwest to corner fence post	40 49 38.2	82 45 50.8

Butler Quadrangle

Near east border of quadrangle

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 5 N., R. 1 E., corner of secs. 28, 29, 32, and 33	41 21 13.1	84 45 59.8
T. 5 N., R. 1 E., corner of secs. 29, 30, 31, and 32	41 21 12.8	84 47 09.4
Hicksville, in s. w. part of town, High St. at Antwerp pike s.	41 17 24.5	84 45 59.1
Hicksville, crossroads 2 mis. s. of, 25 ft. n. w. to n. end of culvert, 45 ft. s. e. to cross cut on telephone pole	41 16 01.0	84 45 40.7

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	° ′ ″	° ′ ″
Antwerp, 5 miles n. of, in n. w. corner of field of Everett Longsworth, at + roads, 1.5 feet s. e. of large cor. fence post; iron post stamped "**Prim. Trav. Sta. No. 1. 1905**"..	**41 15 08.9**	**84 45 28.8**
South along Ohio-Indiana State line		
T. 5 N., R. 1 E., cor. on State line between secs. 30 & 31.	41 21 13.0	84 48 13.1
T. 4 N., R. 1 E., corner of secs. 6 and 7.....	41 19 29.7	84 48 12.9
Road west.....	41 18 52.2	84 48 12.7
Baltimore & Ohio Ry. crossing.....	41 18 14.7	84 48 12.3
Roads west and southeast.....	41 18 00.1	84 48 12.3
Road west.....	41 17 07.6	84 48 11.9
Road northeast-southwest.....	41 16 15.8	84 48 11.5
Road west.....	41 15 23.2	84 48 11.4
Tps. 3 and 4 N., R. 1 E., township corner.....	41 15 09.4	84 48 11.4
T. 4 N., R. 1 E., s. cor. of secs. 31 and 32; T road north ..	41 15 09.2	84 47 07.8
Near Ohio-Indiana State line north along highways		
T. 5 N., R. 1 E., corner of secs. 29, 30, 31, and 32; + roads	41 21 12.8	84 47 09.3
T. 5 N., R. 1 E., corner of secs. 19, 20, 29, and 30; + roads	41 22 05.0	84 47 09.3
T. 5 N., R. 1 E., corner of secs. 17, 18, 19, and 20; + roads	41 22 57.1	84 47 09.2
Ohio-Indiana State line, center of road.....	41 23 11.8	84 48 13.2
Edgerton, 3 mis. s. w. of, T road w. near schoolhouse, 40 ft. southeast to walnut tree on fence line, 30 feet northwest to cross on corner fence post.	41 24 45.6	84 47 25.7
Tps. 5 and 6 N., R. 1 E., cor. of secs. 1, 6, 31, & 36; T lane e.	41 25 33.7	84 48 13.2
Ohio-Indiana State line, post on, near L. S. & M. S. Ry. (Astronomic value, lat. 41° 26′ 13.7″; long. 84° 48′ 08.6″)	41 26 18.7	84 48 13.3
Edgerton, road crossing, south rail of north track, Lake Shore & Michigan Southern Ry., 1.5 miles southwest of	41 26 34.1	84 46 38.8
Edgerton, 1.5 miles west and 1 mile north of, T road south, 25 feet southeast to cross on corner fence post, 27 feet southwest to cross on corner fence post...	41 27 44.5	84 46 39.1
Ohio-Indiana State line, stone at turn of road and 600 feet south of T road west.....	41 27 44.1	84 48 13.9
T. 6 N., R. 1 E., secs. 7 & 18; T road east at west cor. of	41 29 02.3	84 48 14.3

Caldwell Quadrangle

Roxbury Ferry east to Lowell along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Roxbury, 1 mile north of ferry, 100 feet east of ford of Mill Creek, road forks northwest & s. w., center of triangle	39 32 12.4	81 44 56.2
Roxbury, 1.5 miles northeast of ferry, road forks at top of hill northwest and southwest, 100 feet northwest to large oak tree, 20 feet northeast to walnut tree.....	39 32 12.5	81 43 56.7

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Swifts, 0.5 mile south of ferry; T road up hill to west, west edge of north-south road	39 32 34.2	81 43 32.7
Swifts, ferry on Muskingum Riv.; ferry bell at w. landing.	39 33 13.6	81 43 18.8
Swifts, 50 feet south of station; center of main track B. & O. Ry., at road crossing.	39 33 12.5	81 42 57.5
Maple Grove Church, roads n. and e.; center of triangle	39 33 05.8	81 42 12.0
Olive Chapel, large oak tree in n. e. corner of crossroads	39 33 13.9	81 41 04.2
Olive Chapel, 1.25 miles east of; crossroads, 45 feet south to bridge, 45 feet west to walnut tree	39 33 01.7	81 39 51.9
Waterford, 0.5 mile northwest of, 250 east of B. & O. Ry.; T road west, small maple tree in center of triangle	39 33 04.0	81 38 52.7
Waterford, intersection of Water and Ferry Streets, 40 feet southeast to northeast cor. of C. E. Vaughn & Co.'s store, 55 feet southeast to northwest corner of brick store, 90 ft. n. to s. end of highway bridge over Muskingum Riv.	39 32 34.3	81 38 23.3
Beverly, intersection of Ferry and Fifth Streets	39 32 52.1	81 38 21.2
Beverly, in top of west wall at north end of Government canal lock at foot of Fifth St.; aluminum tablet stamped **"Prim. Trav. Sta. No. 7 Ohio, 1907"**	**39 32 52.3**	**81 38 32.7**
Beverly, 1.25 mis. northeast of, T road north; signpost painted "Beverly 1 mile, Marietta 19 miles".	39 33 20.4	81 36 52.4
Muskingum River, 0.25 mile south of; top of bare hill, the western of two lone trees	39 32 19.6	81 35 22.3
Coal Run, T street north, 50 feet northwest to southeast corner of W. P. Steven's store, 40 feet northeast to s. w. corner of Ross's store.	39 34 02.2	81 34 47.8
Coal Run, 1 mi. s. e. of, 300 ft. n. of road; schoolhouse cupola	39 33 32.1	81 33 47.2
Covered bridge over Big Run, 120 ft. w. of center; T road n., 10 ft. s. to high telegraph pole, 15 ft. n. to center of triangle	39 33 08.3	81 33 21.9
Big Run, 1.5 miles s. e. of bridge, second-class T road n., red brick schoolhouse; center of main road	39 31 52.0	81 32 20.6
Upper Lowell, west edge of, T street east; center of triangle	39 31 53.4	81 31 18.5
Lowell dam, square cut in top of stone on north end of e. abutment of dam across Muskingum River, marked "U. S. B.[_]M. (U. S. Engineer Corps b. m.) 608.16"	39 31 49.5	81 30 54.2
Lowell, junction of sts. at e. end of highway bridge over riv., 15 ft. s. to elm, 40 ft. n. w. to corner of dwelling.	39 31 38.8	81 30 24.7
Lowell, in top of east wall at north end of canal lock No. 3; aluminum tablet stamped **"Prim. Trav. Sta. No. 8, Ohio, 1907. Elev. 617"**	**39 31 35.4**	**81 30 18.0**
Lowell, junction of Walnut and Canal Streets, 25 ft. w. to high telephone pole, 30 ft. s. e. to corner of brick store	39 31 42.6	81 30 22.6

Keith west to Meigs Creek along highways

Keith, 1.25 mis. s. w. of; T road n., center of triangle, 125 ft. n. to covered bridge over creek, 200 ft. e. to T road s., 120 ft. w. to Noble-Morgan county line	39 38 46.2	81 35 09.3
Keith, about 1.25 mis. s. w. of; covered bridge over stream, 120 feet w. of Noble-Morgan county line, center of road (house just north of road is said to be about on line)	39 38 46.6	81 35 10.7

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Jordan, 0.5 mi. s. of schoolhouse; road forks w. and s., 30 ft. n. to cor. of fence, 40 ft. w. to mail box, 50 ft. e. to creek	39 38 35.7	81 36 02.9
Covered bridge over Olive Green Creek, 130 feet w. of; T road e., 25 ft. w. to elm tree, 30 feet n. to stream	39 38 45.3	81 36 27.2
Covered bridge over Olive Green Creek, 0.5 mile n. of; T road west	39 39 07.7	81 36 19.5
Smiths School, cupola of schoolhouse	39 39 29.6	81 37 08.5
Smiths School, 800 ft. w. of; road forks n. and s.-w., center of triangle	39 39 28.5	81 37 18.3
Smiths School, 0.7 mi. w. of; road forks s. and s.-e., ford of stream	39 39 24.5	81 37 56.8
Reinersville 2.25 mis. s. of; road forks n., e., and w., 3 feet n. to B. F. Welch's mail box in triangle	39 39 31.6	81 38 48.3
Reinersville, 2.25 mis. s. of; stone cor. of sec. 4, T. 6 N., R. 10 W., in field n. of e.-w. road, 200 ft. w. of road forks	39 39 31.3	81 38 50.8
Reinersville, 2.25 miles south of, at junction of Little Olive Green Creek with Allen River, + roads; large elm tree in triangle	39 39 15.3	81 39 39.3
Crossroads church, 0.5 mile n. of, T road east; mail box in triangle, 50 feet east to oak tree	39 40 23.3	81 41 18.5
Reinersville, 3 miles s. w. of, 450 ft. s. of + roads church, in s. e. corner of front-yard fence to residence of C. E. Drake, T road north; iron post stamped **"Prim. Trav. Sta. No. 10. Ohio, 1907"**	**39 39 52.6**	**81 41 28.3**
Tps. 6, 7, 10, & 11 N., Rs. 10, 11 W., stone corner of secs. 1, 6, 31, and 36	39 40 03.8	81 41 58.6
Dyes Fork of Meigs Creek, center of covered bridge over	39 39 35.2	81 42 28.6
T. 10 N., R. 11 W., secs. 1 and 2, n.-s. line between, near Emory Church	39 39 32.9	81 43 22.7
Emory Church, 300 ft. s. w. of, + roads; center of triangle	39 39 40.7	81 43 45.5
Meigs Creek, covered bridge over; + roads, 50 feet w. to end of bridge, 20 feet south to corner of fence	39 39 17.9	81 44 26.9
Meigs Creek, 600 ft. w. of cov. bridge over; cor. stone sec. 10, T. 10 N., R. 11 W., in triangle at second-class T road n.	39 39 18.6	81 44 35.8
Near north border of quadrangle west along highways		
Sharon, T. 6 N., R. 9 W., cor. of secs. 5, 6, 7, & 8; + roads	39 44 10.1	81 33 53.9
Sharon, 1.5 miles w. of, J. Nicolas's residence, just s. of; T road s. w., 9 ft. w. to J. Wallace's mail box	39 44 22.9	81 35 29.9
Olive Green, T road s., 11 ft. due s. to center of small bridge	39 44 38.7	81 36 53.0
Lowell north to Keith along highways		
Lowell, 0.5 mi. n. of; T rd. w., 20 ft. s. e. to watering trough, 60 ft. w. to center of bridge over Cras Creek	39 32 12.2	81 30 50.4
Lowell, 2 mis. n. of, rd. forks n. and s. e.; center of triangle	39 33 17.2	81 31 51.1
White schoolhouse, 1,500 feet n. of; T road w., 5 feet w. to center of triangle, 40 feet south to telephone pole	39 34 23.4	81 31 58.2
Fork of second-class road to s. e., 30 ft. s. to oak tree on bank, 30 ft. n. to oak tree on n. edge of road	39 35 03.1	81 31 36.7

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Big Run, 30 ft. s. of bridge over creek; + roads, 5 feet e. to center of triangle	39 35 33.5	81 31 54.6
Big Run, 1.4 miles north of; hackberry tree in forks	39 36 48.9	81 31 56.0
T. 5 N., R. 9 W., northeast corner stone of sec. 21	39 37 43.7	81 31 42.9
Jackson township, near s. e. cor. of sec. 16, 0.25 mile n. of townhouse school, road forks n. and n.-e.; triangle cen.	39 37 48.7	81 31 54.2
Keith Fork of Olive Green Creek, 1.5 mis. s. e. of; + rds., 10 ft. s. to center of triangle, 30 ft. s. e. to center of bridge	39 38 36.4	81 32 10.0
Keith, 1 mi. e. of, 500 feet n. of Keith Fork of Olive Green Creek; T road w., 5 ft. e. to cen. of triangle, 20 ft. s. w. to cherry tree and sign "Keith 1 mile, Lowell 9 miles, Caldwell 8 miles"	39 39 15.9	81 32 33.9
Keith, 1 mi. e. of, 500 ft. n. of bridge over Keith Fork of Olive Green Creek, at junction with Lowell-Caldwell road, in face of brownstone ledge n. of T road west; aluminum tablet stamped "**Prim. Trav. Sta. No. 9. Ohio, 1907**"	**39 39 16.1**	**81 32 34.1**
Keith, 0.6 mi. e. of, e. side sec. 8, T. 5 N., R. 9 W.; n. edge of road at crossing	39 39 23.3	81 32 50.6
Keith, 500 feet e. of store; T road n., 35 ft. n. to s. end of covered bridge	39 39 26.0	81 33 37.1

Cambridge Quadrangle

Near northwest corner of quadrangle along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
West Lafayette, 2.5 mis. south of; forks of rd. at McClain's schoolhouse, 24 feet southeast to guidepost, 22 ft. northwest to cross on corner fence post	40 14 37.3	81 44 30.4
West Lafayette, 3 mis. s. of, at guidepost "Lafayette 3 mis., Plainfield 4 miles"; T road north, 37 feet northwest to guidepost, 39 feet northeast to cross on telegraph pole	40 13 53.0	81 44 41.2
Bridge over Bacon Run, 0.18 mi. n. of; T road w. 30 feet northeast to front-yard gate, 34 feet s. east to mail box	40 13 12.8	81 43 40.6
Plainfield, 0.5 mile w. of; + roads, 30 feet northeast to + on cor. fence post, 24 ft. southeast to sandstone bowlder	40 12 13.1	81 43 30.1
Flowing well, T road northwest at, 14 feet east to flowing well, 21 feet west to cross on corner fence post	40 11 22.2	81 44 10.0
Top of hill, Y road at, 27 feet n. e. to guidepost, "Coshocton 13 miles," 21 feet west to mound	40 14 53.8	81 37 59.5

Canal Dover Quadrangle

Near New Cumberland along Wheeling & Lake Erie R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Carroll-Tuscarawas county line, center of road at north-south fence line	40 31 31.2	81 16 00.8
Large barn at T road south, 27 feet northeast to corner of barn, 26 feet west to corner fence post	40 31 24.7	81 16 58.1

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New Cumberland, 1.25 miles south of; road crossing.....	40 31 35.6	81 18 40.4
New Cumberland, east-west road crossing.....	40 32 38.4	81 18 52.2
Near south border of quadrangle west along highways		
New Cumberland, 2 miles west of, T road north, 25 feet due south to west end of picket fence at gate.....	40 32 59.4	81 19 56.9
Coal shaft, 0.5 mi. w. of, w. end of box culvert at T road n.	40 33 01.0	81 20 58.4
Fairfield, center of road in front of township house.....	40 32 42.5	81 22 12.9
Johnston, 0.5 mile west of, 6 miles east of Canal Dover, in southwest corner of stone foundation of G. Burgess's barn; aluminum tab. stpd. **"Prim. Trav. Sta. No. 34, 1906"**	**40 32 29.8**	**81 23 09.9**
Line between Rs. 1 & 2 W., center of road at picket fence s.	40 31 50.6	81 25 02.1
East of Canal Dover along Pennsylvania R. R.		
Wagon brdg. on Tuscarawas Riv.; e.-w. rd. +ing on P. Ry.	40 31 47.5	81 25 47.1
Milepost No. 28, private road crossing	40 31 01.4	81 27 24.6
Canal Dover, street crossing at station.....	40 31 05.0	81 28 39.8
Canal Dover, in n. w. part of; e.-w. road +ing B. & O. Ry.	40 31 36.5	81 29 26.6
Canal Dover, at s. e. cor. of T rd. s. w., just w. of steel brdg. over Sugar Creek and about 1 mi. n. w. of Penn. Ry. sta., nail in elm tree bears S. 41° E. distant 25.6 ft., nail in wild-cherry tree n. of road bears N. 23° 2′ E. distant 53.2 ft., T road n. w. bears N. 5° W. distant 44 ft.; iron post stpd. **"Prim. Trav. Sta. No. 42, Ohio, 1906"**.....	**40 31 42.0**	**81 29 51.6**
Near east border of quadrangle north along highways		
Carroll-Stark county line, center of Waynesburg-Marces road at east-west fence.....	40 39 02.5	81 15 00.7
Waynesburg, 170 feet w. of station; road +ing Penn. Ry.	40 40 08.4	81 15 32.2
T. 17 N., R. 7 W., e. side of sec. 16; +roads at quarter cor.	40 41 15.1	81 15 33.1
T. 17 N., R. 7 W., n. e. corner of sec. 9, center of road at n.-s. rail fence, short distance west of brick schoolhouse	40 42 34.4	81 15 28.0

Canton Quadrangle

Near Canton east along Pennsylvania R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Road crossing 2,150 feet east of milepost 107.....	40 47 11.6	81 27 56.6
Road crossing 700 feet west of milepost 104	40 46 54.1	81 25 10.8
Canton, crossing of Pennsylvania and B. & O. railroads..	40 47 24.2	81 23 01.1
Canton to Akron via Baltimore & Ohio R. R.		
Canton station.....	40 48 01.5	81 23 15.1
Milepost 54, road crossing 1,525 feet south of	40 51 16.8	81 24 48.2
New Berlin station, road crossing 65 feet north of.....	40 52 54.0	81 25 31.3
Greentown station, road crossing 245 feet north of	40 55 42.5	81 25 09.8

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Myersville station, road crossing 215 feet north of.....	40 58 34.0	81 25 35.7
Milepost 44, road crossing 280 feet north of.....	40 59 41.9	81 26 43.5
Canton to milepost 67 via Wheeling & Lake Erie R. R.		
Canton, crossing of Pennsylvania Ry	40 47 43.3	81 22 06.3
Milepost 63, road crossing 1,826 feet west of	40 46 26.4	81 19 16.9
Osnaburg station, road crossing 425 feet east of....	40 47 03.7	81 16 58.6
Milepost 67, road +ing 1,650 ft e. of (on Alliance quad.) .	40 45 58.0	81 14 50.9

Meridian Mark

Canton, on the Stark county fair grounds at Canton; a marble post 40 by 6 by 8 inches, set 36 inches in the ground, in the center of top of which is cemented a bronze meridian tablet. It is 25 feet north of inside fence at south end of race track. Reference mark: Center of judges' stand, 390.6 feet distant; *true azimuth, 148° 01′ 30″*.

Distant mark: A marble post 40 by 6 by 8 inches, set 36 inches in the ground, in the center of top of which is a bronze meridian tablet. It is 765 feet north of the station mark and 283 feet south of inside fence at north end of race track. Center of judges' stand, 480½ feet distant; *true azimuth, 25° 30′ 00″*.

Carrollton Quadrangle

Robertsville to Minerva via Wheeling & Lake Erie R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Robertsville sta. rd. +ing 90 ft. w. of (on Alliance quad.)	40 45 38.9	81 11 20.6
Milepost 73, road crossing 180 feet south of.....	40 44 54.2	81 09 23.0
Milepost 75, road crossing 450 feet south of.....	40 43 09.5	81 09 10.8
Minerva, crossing of Pennsylvania Ry. (New Philadelphia branch) and Pennsylvania Ry. (main line).....	40 43 31.5	81 06 25.2
Minerva sta., Penn. Ry., rd. crossing about 2,200 ft. n. e. of	40 43 40.3	81 06 08.9
Near Lynchburg		
Lynchburg, road crossing 0.25 mile south of.....	40 44 19.4	81 00 02.4
Near Barricks station along Wheeling & Lake Erie Ry.		
Barricks station, north-south road crossing	40 32 00.6	81 14 44.2
T. 15 N., R. 7 W., corner stone of secs. 10, 11, 16, and 17; n.-s. fence at fence west.....	40 32 05.4	81 14 49.6
Near west border of quadrangle		
T. 15 N., R. 7 W., n. cor. of secs. 12 and 18, e.-w. rail fence at picket fence south.....	40 33 51.5	81 14 45.0
T. 16 N., R. 7 W., south corner stone of secs. 7 and 13....	40 33 51.5	81 14 45.3

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Methodist Church, about 800 ft. west of; road forks, 26 ft. s. e. to cross on gate, 15 ft. n. e. to end of picket fence.	40 34 30.0	81 14 09.0
Methodist Church, 1 mile north of; T road east, 18 ft. due north to southwest corner of shed	40 35 25.8	81 14 17.9
Top of hill; T road east, 10 feet southwest to small apple tree, 27 ft. southeast to corner fence post	40 36 21.9	81 14 26.0
Morges, 0.75 mi. s. of, 135 ft. n. of T road e., in s. w. part of stone abut. of wagon bridge; aluminum tablet stamped **"Prim. Trav. Sta. No. 33. 1906"**	**40 37 27.6**	**81 14 42.1**
Morges, Catholic Church spire	40 38 04.0	81 14 34.6
Morges, T road south, 26 ft. s. w. to S. Hitt's mail box, 53 ft. n. w. to s. w. cor. of yard fence	40 38 06.8	81 14 45.2
Mapleton, 1.75 miles s. of; T road w., 13 ft. n. w to n. end of culvert, 21 ft. s. w. to s. end of same culvert	40 43 25.4	81 14 39.8
Mapleton, 1 mi. s. of; +roads, 15 ft. due e. end of culvert.	40 44 04.1	81 14 48.2
Mapleton, +roads, 20 ft. s. e. to guidepost, 25 ft. n. w. to cor. of schoolhouse grounds	40 44 47.5	81 14 28.2
Milepost 67, 1,650 ft. e. of; e.-w. road + on W. & L. E. Ry. (on Alliance quad.)	40 45 58.0	81 14 50.9
West near south border of quadrangle		
T. 14 N., R. 5 W., cor. of secs. 19, 20, 25, and 26, at junction of fences	40 34 24.7	81 03 15.0
Carrollton, main street crossing on W. & L. E. Ry	40 34 25.0	81 05 16.4
Tps. 13 and 14 N., Rs. 5 and 6 W., cor. of secs. 1, 6, 31, and 36, at junction of fences	40 33 36.5	81 05 36.9
Bridge No. 30 B., 1 mi. w. of brick plant, in s. e. cor. of stone abutment of bridge; aluminum tablet stamped **"Prim. Trav. Sta. No. 31. Ohio. 1906"**	**40 33 59.4**	**81 07 49.4**
Scotts station, n.-s. road crossing	40 33 18.9	81 09 14.4
Dellroy, 1.5 miles east of, n.-w. s.-e. road crossing	40 33 07.0	81 10 28.3
Dellroy station	40 33 29.1	81 12 06.9
Atwood station, road + bears S. 41° W., distant 20 ft., in n.-w. cor. of stone retaining wall to culvert; aluminum tab. stamped **"Prim. Trav. Sta. No. 32, 1906"**	**40 33 10.2**	**81 14 27.9**
Near north border of quadrangle		
East Rochester station, rd. +ing 700 ft. e. of	40 44 41.8	81 02 05.3

Celina Quadrangle

North along Cincinnati Northern R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Blind siding, road crossing east-west, 200 feet south of	40 30 07.5	84 36 32.1
Pike crossing east-west	40 31 39.4	84 35 05.4
Celina, main road crossing in southwest part of town	40 32 45.8	84 34 35.7

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Cemetery, road crossing east-west at	40 33 37.8	84 34 39.6
Road crossing east-west	40 34 30.3	84 35 09.3
Road crossing east-west	40 35 49.4	84 35 53.5
Schoolhouse, east-west road crossing 0.25 mile west of	40 36 41.8	84 36 23.4
Road crossing east-west	40 37 34.2	84 36 53.4
Tana, road crossing east-west	40 38 00.3	84 37 08.5
Schoolhouse, road crossing 800 feet west of	40 39 18.6	84 37 52.2
Road crossing east-west	40 40 37.3	84 38 32.9
Rockford, road crossing	40 41 26.3	84 38 43.0
Road crossing northeast-southwest	40 41 52.5	84 38 41.4
Road crossing north-south	40 42 53.2	84 38 16.0
Schoolhouse, road crossing east-west 0.25 mile east of	40 44 32.2	84 37 33.3

Near west border of quadrangle south along highways

T. 3 S., R. 1 E., quarter corner bet. secs. 27 and 28, near schoolhouse; + roads	40 44 59.9	84 44 46.2
T. 3 S., R. 1 E., quarter cor. bet. secs. 26 and 27, 0.5 mi. s. of Schumm; + roads	40 44 59.2	84 43 37.1
T. 3 S., R. 1 E., cor. of secs. 26, 27, 34, and 35; T road north	40 44 33.1	84 43 37.3
Twp. line + n.-s. road; also Van Wert-Mercer county line	40 43 41.0	84 44 11.8
T. 4 S., R. 1 E., center of sec. 2	40 43 11.6	84 43 05.0
T. 4 S., R. 1 E., center of sec. 11; crossroads	40 42 22.0	84 43 04.6
T. 4 S., R. 1 E., center of sec. 14; crossroads	40 41 29.7	84 43 04.3
T. 4 S., R. 1 E., cor. of secs. 14, 15, 22, and 23; T rd. south	40 41 03.7	84 43 38.7
T. 4 S., R. 1 E., cor of secs. 22, 23, 26, and 27; crossroads	40 40 11.3	84 43 38.8
T. 4 S., R. 1 E., cor. of secs. 26, 27, 34, and 35; crossroads	40 39 18.6	84 43 38.6
Tps. 4 & 5 S., R. 1 E., cor. of secs. 2, 3, 34, and 35; n.-s. rd.	40 38 26.1	84 43 38.5
T. 5 S., R. 1 E., corner of secs. 2, 3, 10, and 11; crossroads	40 37 33.7	84 43 37.8
Hinton, 1 mile w. of, in s. w. cor. of + roads, 20 ft. e. & 25 ft. n. to cor. of secs. 10, 11, 14, & 15, T. 5 S., R. 1 E.; iron post stamped "**Prim. Trav. Sta. No. 22. Ohio, 1909**"	**40 36 40.9**	**84 43 38.2**
T. 5 S., R. 1 E., cor. of secs. 14, 15, 22, and 23; crossroads	40 35 48.6	84 43 38.5
T. 5 S., R. 1 E., cor. of secs. 22, 23, 26, and 27; T road east	40 34 56.0	84 43 36.6
T. 5 S., R. 1 E., cor. of secs. 26, 27, 34, and 35; crossroads	40 34 03.4	84 43 37.6
Tps. 5 and 6 S., R. 1 E., cor. of secs. 2, 3, 34, and 35	40 33 10.8	84 43 36.7
T. 6 S., R. 1 E., cor. of secs. 2, 3, 10, and 11; crossroads	40 32 18.3	84 43 36.7
T. 6 S., R. 1 E., cor. of secs. 10, 11, 14, and 15; T road west	40 31 25.8	84 43 36.8
T. 6 S., R. 1 E., cor. of secs. 14, 15, 22, and 23; crossroads	40 30 33.3	84 43 36.8

Chagrin Falls Quadrangle

In northwest corner of quadrangle east along highways

Stations	Latitude	Longitude
North Woodland, four corners	41 29 10.1	81 29 52.3

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Three corners; road to n., 20 ft. to telephone pole, 25 ft. s. to high fence	41 29 31.0	81 28 36.9
Orauga Hill Church; 4 cor., 35 ft. n. w. to telephone pole	41 29 30.1	81 26 18.2

Chardon Quadrangle

Near east border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Schoolhouse of special district No. 2, four corners at	41 41 24.4	81 00 58.8
Four corners	41 40 41.3	81 00 58.6
Folley's four corners	41 39 57.7	81 00 59.0
Catholic Church, three corners just south of	41 38 30.4	81 00 59.4
Trumbull Creek; center of iron highway bridge	41 38 08.2	81 00 09.9
County line, four corners at	41 30 31.1	81 00 11.4
Near south border of quadrangle east along highways		
Fowlers Mill, 1 mi. e. of; 4 corners, 50 ft. n. e. to signpost, 25 ft. s. e. to telephone pole	41 31 42.8	81 14 36.5
Munson Tp., school dist. No. 6, 4 cor. at brick schoolhouse	41 31 45.4	81 13 00.1
Munson Tp., school dist. No. 6, s. e. cor. of brick schoolhouse	41 31 46.2	81 13 01.2
Munson-Newberry township line	41 30 00.8	81 12 58.7
East Claridon, 1.5 miles s. w. of; four corners, 34 ft. n. w. to nail in maple tree, 23 feet s. w. to nail in tree	41 31 12.9	81 07 32.5
Claridon triangulation station of U. S. Lake Survey	41 30 39.38	81 07 05.33
Baltimore & Ohio Ry., center of track at road crossing	41 30 18.6	81 06 07.0
Bridge 300 ft. west of four corners; 45 ft. s. to 3-pronged cherry tree, 75 feet north to dead oak tree	41 30 04.2	81 04 17.2
Huntsburg, 2 mis. s. of, 4 cor.; 50 ft. n. e. to maple tree, 30 ft. s. e. to signpost "Huntsburg 2 mis., Middlefield 4 mis."	41 30 35.1	81 03 06.4
Huntsburg, 2.5 mis. s. of, 0.5 mi. e. of 4 cor., in cor. stone at s. end of w. abutment of steel bridge over branch of Phelps Cr.; bronze tab. stmp. **"Prim. Trav. Sta. No. 122"**	**41 30 35.2**	**81 02 37.3**
Ashtabula-Geauga Co. line; four cor., 1.75 mis. w. of Iona	41 30 31.1	81 00 11.4
Near Chardon to Painesville along highways		
Chardon, 1 mi. s. e. of; forks of road, 25 ft. e. to signpost	41 33 43.2	81 12 04.6
Chardon, in 1st stone of banister to w. end of stone steps to s. entrance of court house; aluminum tablet stamped **"Prim. Trav. Sta. No. 14"**	**41 34 57.2**	**81 12 12.2**
White church, four corners at; 45 feet s. e. to maple tree, 35 feet south west to telephone pole	41 37 35.1	81 13 12.8
Concord station, B. & O. Ry., center of main track and road crossing	41 39 55.1	81 13 18.2
Concord, in large stone at e. end of culvert, 250 ft. n. of B. & O. Ry.; bronze tab. stamped "Elevation, 897, Cleveland"	41 39 57.3	81 13 18.7

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Concord Center, four corners, 30 feet n. e. to maple tree, 45 feet south west to maple tree	41 40 28.0	81 13 27.9
Painesville, 1 mi. s. of; three cor. and forks of road to s. w., 45 ft. n. e. to yard fence, 35 ft. s. e. to maple tree	41 42 24.1	81 14 20.1
Painesville, First Congregational Church spire; located by triangulation of U. S. Lake Survey	41 43 25.76	81 14 43.37
Painesville, intersection of E. Main and N. State Streets.	41 43 33.5	81 14 28.7
Painesville, Episcopal Church spire, located by triangulation of U. S. Lake Survey	41 43 40.98	81 14 35.16

Chillicothe Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Scioto River, east end of bridge over	39 28 21.9	82 59 43.1
Scioto River Bridge, 1 mi. e. of; nail in hub at T road w., 24 ft. e. to cross on telephone pole, 27 ft. n. w. to D. W. Kellenberger's mail box	39 28 20.9	82 58 43.8
Corner of secs. 1, 2, 15, and 16; ¼ mi. e. of; 15 ft. w. to stone between Ross and Pickaway counties, 35 ft. s. e. to cross cut on rail fence	39 28 45.6	82 58 42.4
Meade, 1 mi. s. w. of; T road n. w., 21 ft. s. to cross on gatepost, 30 ft. w. to cross on fence post	39 29 49.0	82 53 29.1
Oak Grove schoolhouse; crossroads, 37 ft. n. to A. J. & Guy E. Pouter's mail bx., 24 ft. s. w. to + on cor. fence post	39 29 43.6	82 50 56.8
Whistler, crossroads at church, 36 ft. n. w. to iron fence post, 34 ft. s. e. to cross on telephone pole	39 29 11.0	82 49 19.7
T. 11 N., R. 20. W., corner of secs. 28, 29, 32, and 33	39 29 09.3	82 48 46.9
Whistler, 1 mi. e. of; T rd. n., 36 ft. n. w. to Geo. Duhrsten's mail box, 18 ft. s. e. to s. end of easternmost culvert	39 29 07.5	82 48 13.4
T. 11 N., R. 20 W., cor. of secs. 27, 28, 33, and 34; T road n. 21 ft. s. to + on fence pst., 30 ft. n. to + on cor. fence pst.	39 29 05.6	82 47 40.0
T. 11 N., R. 20 W., cor. of secs. 26, 27, 34, & 35; T rd.n. 21 ft. s. to + on fence post, 27 ft. n. w. to + on cor. fence post	39 29 02.0	82 46 33.6
T road east, 18 feet west to cross on gatepost	39 29 07.2	82 45 23.5

Near east border of quadrangle south along highways

Adelphi, 1 mi. s. of; T road w., 33 ft. n. w. to cross on cor. fence post, 21 ft. to n. w. corner of stone culvert	39 26 51.2	82 45 01.7
George Haddox's residence; Y road e., 10 ft. s. to cross on board fence, 30 ft. w. to cross on post	39 21 37.5	82 45 41.8
Summit of hill; cen. of road, 30 ft. n. to cross on gatepost	39 21 22.6	82 45 58.4
Tedron farm, forks of road near head of Piney Creek; 18 ft. n. w. to + on fence post, 24 ft. e. to + on fence post	39 21 12.6	82 46 56.5
Watson Bobbett's farm; T rd. n., 21 ft. s. to + on rail fence	39 20 12.9	82 46 38.7
Intersection of roads, about 0.75 mi. n. of store; 25 ft. s. w. to mail box, 25 ft. e. to cross on corner fence post	39 18 14.6	82 46 48.1

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Store, 0.33 mi. s. of; T road w., 27 ft. n. w. to cross on cor. fence post, 25 ft. s. to J. W. Cunningham's mail box...	39 17 20.5	82 46 31.1
Schoolhouse; T road n. w., 21 ft. s. to cross on gatepost, 36 ft. n. e to cross on board fence.....	39 16 51.7	82 46 25.2
Gillespieville, in ground owned by George Radcliff, s. w. corner of Radcliff's residence bears N. 25° 45′ E., distant 98.9 ft., n. e. corner of Radcliff's general store bears S. 35° W., distant 126. 3 ft., in top of sandstone post 6 by 10 by 30 inches; alum. tab. stpd. "**Prim. Trav. Sta. No. 11**"	**39 16 01.9**	**82 47 24.4**
Gillespieville, 1 mi. w. of; T road s., 27 ft. s. w. to mail box, 35 ft s. e. to cross on fence post.....	39 16 09.5	82 48 24.0
Gillespieville, about 2 mis. w. of; T road n., 36 ft. n. e. to + on cor. fence post, 21 ft. s. w. to + on walnut tree..	39 16 33.8	82 49 29.7
Bridge over Walnut Creek, center of.....	39 16 49.2	82 50 21.9
Vinton-Ross county line, road south	39 15 10.2	82 45 30.9
T. 9 N., R. 19 W., n. w. cor. sec. 19, Vin.-Ross Co. line stone	39 15 07.5	82 45 31.2

Schooley to Chillicothe via Baltimore & Ohio Southwestern R. R.

	° ′ ″	° ′ ″
Schooley station, in C. E. Harness's pasture, on n. side of Ry., nail in cross cut on s. face of elm tree bears N. 3° 35′ W., dis. 51.1 ft., n. rail at cen. of n.-s. rd. +ing, *azimuth 8° 26′ 50″*, dis. 159.8 ft., in top of sandstone post 6 by 8 by 30 inches; alum. tab. stpd. "**Prim. Trav. Sta. No. 12**"..	**39 15 59.0**	**82 52 11.0**
Milepost 104, 1,500 ft. northwest of; private road crossing	39 16 47.9	82 53 19.5
Gravel pit, 235 ft. n. w. of w. end of switch; priv. road +ing	39 17 35.1	82 54 22.0
Scioto River Bridge, west end of.....	39 18 18.9	82 55 20.0
Chillicothe-Gillespieville pike crossing	39 18 50.7	82 56 02.2
Milepost 99, 820 feet west of; pike crossing..	39 19 42.4	82 57 17.3
Chillicothe, crossing B. & O. S. W. and N. & W. railroads	39 20 05.3	82 58 12.7

Near west border of quadrangle north along highways

Schoolhouse No. 2; T lane west, 22 ft. e. to cross on board fence, 33 ft. s. w. to cross on fence post.....	39 21 22.3	82 58 34.6
T road e., 29 ft. n. e. to A. J. Seney's mail box, 33 ft. n. e. to guidepost	39 21 50.9	82 58 33.5
Hopetown; +roads, 26 ft. n. e. to C. W. Down's mail box, 50 ft. n. e. to s. w. corner of P. H. Klatz's shoe shop...	39 22 43.3	82 58 29.0
Hopetown, 1 mi. n. of; forks of pike, 18 ft. e. to cross on fence post, 50 ft. n. w. to arrow painted on cor. fence post	39 23 31.5	82 58 07.1
Hopetown, 2 mis. n. of; +pikes, 30 ft. s. to Wm. Albright's mail box, 24 ft. n. w. to cross on corner fence post.....	39 24 27.0	82 58 30.7
Ross County Infirmary, cupola.....	39 24 35.3	82 59 53.1
Ross County Infirmary, south meridian stone	39 24 32.9	82 59 58.3
Geo. Mettler's house, on w. side of pike opposite, in n. e. cor. of field, n. w. cor. of foundation to corncrib, bears S. 22° 15′ E., distant 78.2 ft., nail in w. face of black locust tree in front yard bears S. 82° 30′ E., distant 54 ft.; iron post set 40 in. in ground stamped "**Prim. Trav. Sta. No. 13**"..	**39 26 16.6**	**82 58 35.2**
Road e., 28 ft. s. e. to David Umstead's mail box, 24 ft. n. e. to corner of yard fence.....	39 27 26.6	82 58 42.6

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Chillicothe south to southwest corner of quadrangle along highways

Chillicothe, in stone floor to courthouse porch on right side of main entrance to building; aluminum tablet stamped "**Prim. Trav. Sta. No. 14**"	**39 20 00.6**	**82 58 56.4**
Chillicothe, crossing of C. H. & D. Ry. on Paint Street	39 19 20.9	82 58 45.2
Chillicothe-Portsmouth pike; center of, at milepost 2.	39 18 31.2	82 57 51.6
Ludbecks siding, crossroads w. of, 24 ft. e. to mail box, 32 ft. n. w. to cross on telephone pole	39 17 53.4	82 57 12.9
Waller, (Massieville), water trough about 2 mis. n. of, T road s. e. at; 27 ft. n. e. to Blain's mail box, 18 ft. n. w. to n. e. corner of water trough	39 17 23.5	82 56 48.6
Waller, (Massieville), T road n. w., 24 ft. s. to + on gatepost, 18 ft. e. to + on board fence	39 16 04.1	82 57 51.6
Waller, (Massieville), 0.75 mi. s. of, in n. e. cor. of field owned by Jos. Deuschle, on w. side of Chillicothe-Portsmouth pike, nail in e. face of apple tree on fence line bears N. 74° 15′ W., distant 39.3 ft., hitching ring in e. face of locust tree in front of Deuschle's store bears S. 26° 15′ W., distant 262.1 ft.; iron post set 36 in. in ground, stamped "**Prim. Trav. Sta. No. 15**"	**39 15 34.7**	**82 58 10.3**

Circleville Quadrangle

Near south border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Nash's Corners; +roads at, 33 ft. s. w. to Vernon Estill's mail box, 30 ft. s. e. to cross on corner of fence post	39 30 31.1	82 58 20.7
Nash's Corners, 1 mi. e. of; T road s., 17 ft. n. e. to Manger's mail box, 18 ft. n. w. to cross on gatepost	39 30 29.4	82 57 15.2
Nash's Corners, 1.5 mis. e. of; T road w. at small bridge, 3 ft. n. w. to s.w. cor. of bridge, 15 ft e. to s.e. cor. of bridge	39 30 27.9	82 56 40.7
Azimuth of N.&W.Ry. at Elmwood sta.=334° 44′ 45″.		
Elmwood station, about 900 ft. e. of; T road w., 22 ft. e. to + on gatepost, 50 ft. n. w. to + on telephone pole	39 30 01.6	82 55 28.0
Meade; +roads at, 22 ft. n. to W. F. Anderson's mail box, 38 ft. e. to corner of grocery store	39 30 25.1	82 52 55.5
Meade, in w. cor. of schoolhouse yard, w. cor. of water table to schoolhouse bears N. 46° 45′ E., distant 38.3 ft., e. cor. of brick foundation to G. W. Greeg's residence bears S. 25° W., distant 116.3 ft.; in top of sandstone block 6 x 12 x 36 in.; aluminum tablet stamped "**Prim. Trav. Sta. No. 8**"	**39 30 18.0**	**82 52 40.5**
Meade, 0.75 mi. s. e. of; T road s. w., 16 ft. s. w. to David Polling's mail box, 21 ft. n. to + on fence post	39 30 00.3	82 52 04.3
Stringtown, in s. w. cor. of Wm. Ballard's pasture, s. e. cor. of Levi Imer's store bears N. 24° W., distant 62.4 ft., + cut on e. end of stone culvert bears S. 18° W., distant 38.5 ft., in top of sandstone post 6 x 10 x 36 in.; aluminum tablet stamped "**Prim. Trav. Sta. No. 9**"	**39 30 03.5**	**82 46 27.1**

3 miles northwest of Circleville to courthouse via highways

Circleville, about 3 miles n. w. of; center of standpipe	39 37 14.2	82 58 21.0

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	° ′ ″	° ′ ″
Thomas Brown's field, 150 ft. s. of entrance to yard, forks of pike at old tollgate; iron post stamped **"Prim. Trav. Sta. No. 76. Ohio, 1909"**	**39 35 54.4**	**82 58 20 4**
Circleville, north side of courthouse grounds; iron post stamped **"Prim. Trav. Sta. No. 4. Ohio, 1906"**	**39 36 02.8**	**82 56 46.2**
Near east border of quadrangle from Royalton south along highways		
Royalton, at s. e. cor. of public-school bldg., n. w. cor. of foundation of church bears N. 55° E., dis. 59.6 ft. s. e. cor. of foundation of school bldg. bears N. 43° 15′ W., distant 6.3 ft.; iron post stpd. **"Prim. Trav. Sta. No. 6. Ohio, 1906"**	**39 43 35.6**	**82 45 59.0**
Royalton, 1.33 miles s. of; + roads, 21 ft. n. w. to willow tree at cor. of fence, 27 ft. s. w. to telephone pole	39 42 26.2	82 45 46.4
Royalton Cemetery; +roads, 23 ft. n. e. to telephone pole, 27 feet southeast to corner fence post	39 41 17.1	82 45 46.2
Royalton Cemetery, 1 mi. s. of; forks of road, 34 ft. e. to cross on corner fence post, 39 ft. s. e. to telephone pole	39 40 37.9	82 46 08.2
Royalton Cemetery, about 2 mis. s. of; road w., 23 ft. s. w. to osage orange tree, 23 feet s. e. to telephone pole	39 39 56.7	82 45 37.0
Amanda, in west part of; forks of pike, 72 feet n. w. to guidepost, 21 feet north to corner fence post	39 39 03.6	82 45 07.6
Oakland, in n. part of; T road w. on sec. line, 24 ft. n. w. to mail box 85, 45 feet s. w. to corner blacksmith shop	39 36 00.8	82 45 21.1
Crossroads on line between sections, 30 feet in n. w. and 36 feet southwest to corner fence post	39 35 08.5	82 45 34.6
Clear Creek Tp., on Fairfield-Pickaway Co. line, s. e. cor. stone of sec. 34, T. 12 N., R. 20 W.	39 33 24.2	82 46 10.4
Salt Creek Tp., on county line, n. e. corner of sec. 3, T. 11 N., R. 20 W., 16 feet south to cross on gatepost	39 33 23.8	82 46 05.5
Tarlton-Strington pike crossing on C. & S. Ry	39 32 18.7	82 46 12.8
Salt Creek, north corner of bridge over	39 31 35.3	82 46 17.3
Strington, in s. w. cor. of Wm. Ballard's pasture, s. e. cor. of Levi Imer's store bears N. 24° W., distant 63.4 feet, cross cut on e. end of stone culvert bears S. 18° W., distant 38.5 ft., in top of sandstone post 6 by 10 by 36 in., aluminum tablet stamped **"Prim. Trav. Sta. No. 9"**	**39 30 03.5**	**82 46 27.1**
T. 11 N., R. 20 W., n. e. corner of sec. 22; +roads, 33 feet n. w. to willow tree, 27 ft. s. e. to corner post	39 30 46.7	82 46 22.7
T. 11 N., R. 20 W., n. e. corner of sec. 23, at schoolhouse, 21 feet n. to cross on fence post	39 30 43.0	82 45 16.3
Ashville to Circleville via Norfolk & Western Ry.		
Ashville, main street crossing on Norfolk & Western Ry.	39 42 46.4	82 57 17.5
Milepost 25, 575 feet north of; east-west road crossing	39 41 00.7	82 57 21.4
T. 2 N., R. 22 W., northeast corner of stone of sec. 25	39 40 59.3	82 56 47.3
Ritts (Bells) crossing, 9 feet w. of w. rail of N. & W. Ry.; iron post stamped **"Prim. Trav. Sta. No. 3. Ohio, 1906"**	**39 39 20.2**	**82 57 27.7**
East-west township-line crossing	39 39 15.7	82 57 26.9
Milepost 29, center of track opposite	39 37 30.8	82 56 50.4

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Near west border of quadrangle south along highways

T road e. on tp. line, 36 ft. n. e. to J. B. Deon's mail box, 24 feet west to old gatepost	39 34 00.8	82 57 16.8
Section corners	39 34 00.8	82 57 30.2
T road west, 39 feet northwest to corner fence post, 40 ft. southwest to D. E. Phillips's mail box	39 32 16.0	82 58 00.4
Bridge over creek flowing southwest, center of	39 31 31.7	82 58 02.5
Nash's Corners, crossroads	39 30 31.0	82 58 20.7

Near north border of quadrangle from South Bloomfield east along highways

South Bloomfield, s. e. cor. of public-school grounds, s. e. cor. of schoolhouse bears N. 39° W., distant 73.1 ft., cor. iron fence post bears 69° E., distant 4.5 feet; iron post stamped **"Prim. Trav. Sta. No. 2. Ohio, 1906"**	° ′ ″ **39 42 58.4**	° ′ ″ **82 59 19.6**
Bridge over canal, center of	39 42 49.8	82 58 31.5
Ashville, 0.5 mi. e. of; T road w. on range line, 24 ft. due e. to cross on fence post	39 42 50.4	82 56 39.3
Tps. 2 and 9 N., Rs. 21 and 22 W., corner of sections	39 42 44.4	82 56 39.3
Greenfield School, +roads at n.-s. range line between Rs. 21 and 22, 36 ft. n. w. to cor. of schoolhouse fence, 39 ft. s. w. to n. end of hedge fence	39 43 23.5	82 56 36.6
Schoolhouse, about 700 ft. s. of crossroads; 24 ft. s. e. and 22 feet southwest to corner fence posts	39 43 21.2	82 55 13.5
T. 9 N., R. 21 W., northeast corner of sec. 9	39 43 36.3	82 53 26.5
T. 9 N., R. 21 W., about 0.25 mi. s. of, n. e. cor. of sec. 10, e. of road at T road east; iron post stamped **"Prim. Trav. Sta. No. 5. Ohio, 1906"**	**39 43 25.5**	**82 52 16.1**
Crossroads, 27 ft. s. w. to cor. fence post, 25 ft. s. e. to G. W. Payne's mail box	39 43 22.7	82 51 05.1
Fairfield-Pickaway county line, + roads, 27 ft. s. e. to cor. fence post, 33 ft. n. w. to guidepost	39 43 21.6	82 49 52.0
Bridge over creek flowing southwest, center of	39 43 31.2	82 48 30.9
T. 13 N., R. 20 W., northeast corner stone of sec. 5	39 44 02.8	82 47 29.0

Cleveland Quadrangle

Warrensville triangulation station of the U. S. Lake Survey to Bedford, along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Warrensville triangulation station	41 28 39.01	81 30 11.96
Randall station on Erie Ry., about 0.25 mile w. of; road crossing near postoffice	41 25 42.6	81 32 11.0
Bedford station on Pennsylvania R. R.	41 23 24.1	81 32 08.8

Bedford to Macedonia Via Pennsylvania R. R.

A. B. & C. Electric Ry. crossing	41 22 04.4	81 31 36.5

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Macedonia, 1 mi. north of; road crossing	41 20 08.2	81 30 53.4
Macedonia station	41 18 48.3	81 30 36.3

Columbiana Quadrangle

South part of quadrangle east along Pittsburg, Lisbon & Western R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
American Pipe Co., road crossing 0.25 mile east of	40 46 02.3	80 44 08.6
Road crossing under trestle	40 45 55.8	80 42 46.5
Elkton, north-south road crossing at station	40 45 52.8	80 41 54.6
Newhouse, block of switch to mine	40 46 51.8	80 41 16.7
Summit Signal, second road crossing south of station	40 47 53.7	80 39 34.2
Rogers, road crossing 1 mile west of	40 47 38.1	80 38 37.1
Rogers, in s. e. cor. of Ida M. Rogers's farm, on n. side of Pittsburg, L. & W. Ry., s. e. abutment to wagon bridge bears N. 9° 45′ W., distant 202.8 ft., cross on n. e. cor. of foundation to D. M. Miller's res. bears S. 4° 40′ E., distant 644 feet, in sandstone post; aluminum tablet stamped "**Prim. Trav. Sta. No. 46**"	**40 47 35 6**	**80 37 39.4**
Rogers, road crossing 0.75 mile east of	40 47 42.1	80 36 58.5
Milrock station, road crossing	40 47 56.1	80 35 31.2
Private road crossing at spur	40 47 55.5	80 34 30.8
Negley, north-south road crossing at station	40 47 27.5	80 32 20.5
Ohio-Pennsylvania State line monument No. 81, stone is 25 feet east of center of north-south road	40 47 49.98	80 31 08.93

Columbus Grove Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 1 S., Rs. 5 and 6 E., corner of secs. 1, 6, 7, and 12	40 58 37.0	84 13 34.3
T. 1 S., R. 5 E., corner of secs. 11, 12, 13, and 14	40 57 42.6	84 14 39.7
T. 1 S., R. 5 E., corner of secs. 23, 24, 25, and 26	40 55 58.8	84 14 39.5
T. 1 S., R. 5 E., corner of secs. 25, 26, 35, and 36	40 55 06.8	84 14 39.7
Tps. 1 and 2 S., R. 5 E., corner of secs. 1, 2, 35, and 36	40 54 14.5	84 14 38.1
Fort Jennings, 3 mis. e. of, at +roads on tp. line, 15 ft. s. and 35 ft. w. to T. 1 S., R. 5 E., s. cor. of secs. 35 and 36, T road n., 80 ft. e. and 30 ft. s. to T. 2 S., R. 5 E., n. cor. of secs. 1 and 2, T road south; iron post stamped "**Prim. Trav. Sta. No. 14. Ohio, 1909**"	**40 54 14.9**	**84 14 39.0**
T. 2 S., R. 5 E., corner of secs. 13, 14, 23, and 24	40 51 35.6	84 14 37.5
T. 2 S., R. 5 E., corner of secs. 25, 26, 35, and 36	40 49 51.9	84 14 37.2
T. 3 S., R. 5 E., corner of secs. 1, 2, 11, and 12	40 48 07.8	84 14 36.3
T. 3 S., R. 5 E., corner of secs. 13, 14, 23, and 24	40 46 23.6	84 14 35.0

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Near east border of quadrangle north along highways

Rockport, +roads at, 25 ft. n. e. to pump, 33 feet n. w. to cross cut on telephone pole	40 52 17.5	84 00 00.0
T. 2 S., R. 7 E., quarter cor. between secs. 1 & 12; +roads	40 53 26.8	84 00 15.8
T road s. at small bridge, 18 ft. s. e. to cross cut on s. end of bridge, 25 ft. s. e. to cross on corner fence post	40 57 48.9	84 00 01.7
Schoolhouse of subdistrict No. 1, intersection of roads, 18 ft. s. w. to s. end of stone culvert, 15 ft. w. to cross on telephone pole	40 58 41.5	84 00 46.8
T. 1 S., R. 7 E., n. cor. of secs. 1 and 2; T road s., 32 ft. s. w. to cross on cor. fence post, 45 ft. s. e. to cross on telephone pole	40 59 34.2	84 00 53.6

Conesville Quadrangle

Near Ellis north along Wheeling & Lake Erie R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Milepost 5, north-south road crossing	40 00 25.6	81 58 59.9
Lane's poultry farm, private-road crossing at spur	40 01 46.9	81 59 36.7
Ellis station, center of track opposite	40 02 46.4	81 58 58.4
Trestle 135A, north-south road crossing under	40 03 33.1	81 58 49.7

Near east border of quadrangle south along highways

Seth McCleary's residence, 0.25 mi. e. of; T road n., 16 ft. n. to mail box, 24 feet n. e. to cross on cor. fence post.	40 10 23.9	81 45 37.9
Wills Creek, W. Roderick's bridge over, north end of	40 10 00.7	81 46 20.0
T. 4 N., R. 5 W., quarter cor. between secs. 23 & 24, stone	40 09 41.5	81 46 22.2
Otsego, 2 mis. n. of; +roads, 9 ft. s. e. to J. E. Simmons's mail box, 18 ft. e. to cross on fence post	40 08 55.5	81 46 07.7
Otsego, in s. w. cor. of public-school grounds; iron post stamped "**Prim. Trav. Sta. No. 59, 1905**"	**40 07 04.3**	**81 45 59.0**
Otsego, 2.5 mis. s. of, 0.25 mi. n. e. of cov. bdg; +roads, 27 feet n. w. to cross on telegraph pole, 22 feet s. w. to cross on gatepost	40 05 06.4	81 46 01.2
D. W. Ross's mail box, T road west	40 03 29.8	81 46 26.3
Quarter corners between secs. 3 and 18	40 02 10.8	81 46 11.0

Conneaut Quadrangle

Jefferson east to milepost 15 on Ohio-Pennsylvania State line along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Jefferson, L. S. & M. S. Ry., 1.37 mis. e. of; forks of road to southeast (on Andover Quad.)	41 44 17.4	80 44 04.3
Forks of road	41 45 06.5	80 43 34.8

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L. S. and M. S. Ry. low-grade line, crossing	41 45 03.8	80 42 18.8
Four corners	41 45 04.5	80 41 07.8
Giddings postoffice, four corners at	41 45 05.4	80 40 04.0
Gould postoffice, three corners at church just north of	41 45 07.4	80 37 22.0
Bridge over creek, center of	41 45 03.9	80 36 05.7
Pierpont, three corners at soldiers' monument	41 45 08.4	80 34 13.4
Pierpont, 1.75 miles east of; four corners	41 45 09.4	80 32 05.5
Milepost 15, Ohio-Pennsylvania State line, three cor. near	41 45 09.7	80 31 10.3
Milepost 15	41 45 12.9	80 31 10.0

Continental Quadrangle

Near south part east along Cincinnati, Hamilton and Dayton Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Road crossing, north-south	41 01 08.1	84 29 44.0
Grover Hill station	41 01 08.4	84 28 38.6
Grover Hill, main street crossing	41 01 08.4	84 28 34.7
T. 1 N., Rs. 3 and 4 E., corner of secs. 19, 30, 24 and 25	41 01 09.9	84 27 25.6
Road crossing, north-south	41 01 09.3	84 25 42.1
Roselms station	41 01 09.6	84 25 07.1
Road crossing, north-south	41 01 10.0	84 23 58.6
Road crossing, north-south	41 01 10.3	84 23 24.3
Road south	41 01 10 5	84 22 49.8
Erie Canal crossing	41 01 11.1	84 21 31.2
T. 1 N., Rs. 4 and 5 E., corner of secs. 19, 30, 24 and 25	41 01 12.2	84 20 31.5
Road crossing, north-south	41 01 11.9	84 19 21.8
Road crossing, north-south	41 01 12.2	84 18 46.8
Toledo, St. Louis & Western R. R. crossing	41 01 12.5	84 18 12.6
Road crossing, north-south	41 01 12.8	84 17 38.2
Road crossing, northwest-southeast	41 01 12.9	84 17 24.5
Road crossing, under railway	41 01 13.0	84 17 14.9
Road crossing, north-south	41 01 13.5	84 15 54.6
Road crossing, north-south	41 01 13.8	84 15 20.0

Near west border of quadrangle north along highways

Grover Hill, 1 mi. s. and 1 mi. w. of, at s.w. cor. of +roads, 20 ft. e. and 25 ft. n. to T. 1 N., R. 3 E., cor. of secs. 26, 27, 34 and 35, +roads; iron post stamped "**Prim. Trav. Sta. No. 12. Ohio, 1909**"	**41 00 16.7**	**84 29 44.0**
T. 1 N., R. 3 E., at +roads 1 mi. n. & 1 mi. w. of Grover Hill, in s. e. cor of field owned by F. M. Saul; iron post stamped "**Prim. Trav. Sta. No. 4, 1905**"	**41 02 01.7**	**84 29 44.4**
T. 1 N., R. 3 E., corner of secs. 10, 11, 14 and 15; +roads	41 02 53.9	84 29 44.2
T. 1 N., R. 3 E., corner of secs. 2, 3, 10 and 11; +roads	41 03 46.3	84 29 44.5

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T. 1 N., R. 3 E., corner of secs. 2 and 3; T road south	41 04 39.1	84 29 44.4
T. 2 N., R. 3 E., corner of secs. 26, 27, 34 and 35; +roads.	41 05 31.5	84 29 44.1
T. 2 N., R 3 E., corner of secs. 22, 23, 26 and 27; +roads.	41 06 24.3	84 29 44.4
T. 2 N., R. 3 E., s. e. cor. of sec. 15, in s. e. cor. of field of Geo. Older, n. e. cor. of C. Stutsman's house bears S. 37° E., distant 188 ft.; iron post stamped **"Prim. Trav. Sta. No. 5, 1905"**	**41 07 17.0**	**84 29 44.8**
T. 2 N., R. 3 E., corner of secs. 10, 11, 14 and 15; +roads.	41 08 09.2	84 29 44.4
T. 2 N., R. 3 E., corner of secs. 2, 3, 10 and 11; +roads ..	41 09 01.7	84 29 44.6
T. 2 N., R. 3 E., corner of secs. 3, 4, 9 and 10; +roads (on Paulding quadrangle)	41 09 01.3	84 30 54.5
T. 3 N., R. 3 E., corner of secs. 26, 27, 34 and 35; +roads.	41 10 47.9	84 29 42.4
T. 3 N., R. 3 E., corner of secs. 22, 23, 26 and 27; center of canal bridge	41 11 39.8	84 29 42.7
Sixmile Creek, center of bridge over	41 12 28.2	84 29 43.2
T. 3 N., R. 3 E., e. corner of secs. 10 and 15; T road west..	41 13 25.2	84 29 43.8
T. 3 N., R. 3 E., corner of secs. 2, 3, 10 and 11; +roads ..	41 14 17.7	84 29 44.9
T. 3 N., R. 3 E., 30 ft. w. and 30 ft. s. of quarter cor. between secs. 2 and 3, in n. e. cor. of field owned by Saul, Meyer & Co., s. rail of Wabash Ry. at sec.-line crossing bears N. 19° E., distant 70 ft.; iron post stamped **"Prim. Trav. Sta. No. 6, 1905"**	**41 14 43.7**	**84 29 45.7**

Coshocton Quadrangle

Warsaw to Killbuck, via Cleveland, Akron & Columbus Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Warsaw, 1 mile east of; road crossing	40 20 07.3	81 59 21.6
Warsaw, 1.33 miles northeast of; road crossing	40 20 11.5	81 58 12.7
Warsaw, 1.75 miles northeast of, road crossing	40 20 30.9	81 57 37.4
Killbuck Creek, center of iron bridge over	40 21 19.8	81 57 38.6
Metham, 500 ft. n. w. of station; n. end of road crossing .	40 22 05.9	81 59 05.6
Metham, 1.25 mis. n.e. of sta.; center of Killbuck Cr. bridge	40 23 00.3	81 58 10.7
Blissfield, road crossing on main track 150 ft. w. of station	40 24 01.2	81 58 11.2
Blissfield, in n.w. cor. of C. W. Lepley's front yard, 25 ft. s. of station, 150 ft. s.w. of road crossing, 12 ft. s.e. to n.w. cor. of Dr. Lepley's office; iron post stamped **"Prim. Trav. Sta. No. 15, 1907"**	**40 24 01.1**	**81 58 10.9**
Helmick station, road crossing	40 23 59.0	81 56 42.9
Layland Sand & Stone Co.'s works, opposite northeast cor. of; main track	40 25 25.1	81 57 40.2
Layland, road crossing just north of station	40 26 12.0	81 57 59.4
Layland, 1.25 miles n. of station, center pier of Killbuck Creek iron R. R. bridge	40 27 16.1	81 58 16.1
Killbuck, 1.66 mis. s. of; second-class road crossing	40 28 12.3	81 58 41.4
Killbuck, at south edge of; road crossing	40 29 37.0	81 58 59.3

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Near north border of quadrangle east along highways

Killbuck, 0.75 mile s. e. of; center of triangle at T road w., 20 feet south to large stone	40 29 22.4	81 58 39.7
Killbuck, 1.25 miles e. of; in triangle at T rd. s. guidepost "Coshocton 21 miles"	40 29 25.3	81 57 59.6
T. 8 N., R. 7 W., corner of secs. 7, 8, 13 and 14	40 29 39.6	81 56 59.3
T road west opposite E. C. Shepler's residence, 15 ft. e. to front gate, 30 ft. n. to telegraph pole	40 29 26.0	81 55 41.5

Near south border of quadrangle east along highways

Guidepost "Coshocton 7 mis.," road s., 60 ft. s. e. to guidepost, 24 ft. n. e. to cross on corner of rail fence	40 15 10.8	81 59 07.4
Center Sixmile bridge at crossroads	40 15 03.7	81 57 40.7
Pleasant Hill Church, 1 mi. e. of; road to s. w., 42 ft. s. w. to A. C. Warren's mail box, 28 ft. n. w. to peach tree	40 15 01.2	81 56 12.2
Coshocton, 3.5 mis. w. of, just n.w. of Joseph Kirker's res.; T road n., 21 ft. s. e. to cross on fence post, 21 feet west to cross on rail fence	40 15 47.7	81 55 07.8
Junction of Mount Vernon and Tyrone roads, 300 ft. s. of, center of iron bridge over creek	40 16 18.6	81 53 31.2
Roscoe, center of bridge over Ohio canal	40 16 45.2	81 52 33.0
Coshocton, in s. e. cor. of Coshocton County Courthouse; aluminum tablet stpd. **"Prim. Trav. Sta. No. 57, 1905"**	**40 16 28.0**	**81 51 57.4**

Along Pennsylvania R. R.

Milepost 71, 0.25 mi. w. of; road crossing on siding south of main track	40 17 17.2	81 50 08.3
Milepost 72, just west of; private road crossing on north track of main line	40 17 03.7	81 48 52.3
Morgan Run sta., crossing of Penn. and W. & L. E. Rys.	40 16 52.5	81 47 44.8
West Lafeyette, 1. mi. w. of; overhead rd. crossing, s. track	40 16 42.7	81 46 07.4
W. Lafayette, 100 ft. e. of sta.; Kirk St. +ing on Penn. Ry.	40 16 36.5	81 45 04.2

Covington Quadrangle

Near west border of quadrangle north along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Tps. 7, 8, and 9 N., Rs. 3 & 4 E., cor. of secs. 1, 6, 31, & 36	40 00 23.1	84 29 16.3
Tps. 8, and 9 N., Rs. 3 & 4 E., cor. of secs. 25, 30, 31, & 36	40 01 15.6	84 29 17.8
Tps. 8 and 9 N., Rs. 3 & 4 E., cor. of secs. 19, 24, 25, & 30	40 02 07.9	84 29 19.4
Tps. 8 and 9 N., Rs. 3 & 4 E., cor. of secs. 13, 18, 19, & 24	40 03 00.5	84 29 21.1
Tps. 8 and 9 N., Rs. 3 & 4 E., cor. of secs. 7, 12, 13, & 18	40 03 53.0	84 29 22.8
Tps. 8 and 9 N., Rs. 3 & 4 E., cor. of secs. 1, 6, 7, and 12.	40 04 45.2	84 29 24.3
Tps. 8, 9, and 10 N., Rs. 3 & 4 E., cor. of secs. 1, 6, 31, & 36	40 05 43.2	84 29 26.1

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Gettysburg, crossing of Main Street and n.-s. road	40 06 42.0	84 29 44.4
Gettysburg, crossroads 0.5 mile north of.....	40 07 21.9	84 29 50.9
Pennsylvania R. R. at north-south road crossing, 400 ft. e. of milepost 87, *azimuth 103° 20'*	40 08 38.8	84 29 53.1
Oakland Church, T road south, 0.25 mile east of.....	40 09 07.5	84 29 53.6

Near north border of quadrangle west along highways

T. 7 N., R. 6 E., west corner of secs. 18 and 19	40 13 42.6	84 15 42.5
T. 9 N., R. 5 E., east corner of secs. 13 and 24.....	40 13 41.0	84 15 42.6
Bunker Flat schoolhouse, 0.5 mile east of; crossroads....	40 14 20.0	84 16 18.1
T. 9 N., R. 5 E., cor. of secs. 10, 11, 14, and 15; crossroads	40 14 32.2	84 18 01.2
T. 9 N., R. 5 E., cor. of secs. 9, 10, 15, and 16, near schoolhouse, at fence north-south; east-west road....	40 14 31.8	84 19 08.9
Houston, in s. part of, at E. C. Mitchell's store; T rd. w., 15 ft. s. & 15 ft. e. to guidepost "Piqua 9 mis., Russia 4 mis.".	40 14 57.0	84 20 06.5
Houston, 1 mi. w. of, in top of s. e. corner of abutment of railroad bridge; aluminum tablet stamped **"Prim. Trav. Sta. No. 30. Ohio, 1909"**.....	**40 14 56.2**	**84 21 20.2**
T. 10 N., R. 4 E., corner of secs. 9, 10, 15, and 16, Shelby-Darke county line; T road west..... .	40 14 28.1	84 26 00.6
Catholic cemetery, T road south	40 14 27.4	84 27 54.2
Versailles, 1 mi. n. of, at s. e. cor. of T road e., 20 ft. n. and 20 feet east of its center; iron post stamped **"Prim. Trav. Sta. No. 31. Ohio, 1909"**	**40 14 27.2**	**84 29 03.2**

Through center of quadrangle west along highways

Tps. 6 and 8 N., Rs. 5 & 6 E., quar. cor. between secs. 13 & 18	40 08 52.8	84 15 34.3
Piqua corporation line, T road north.....	40 08 52.6	84 16 08.3
T. 8 N., R. 5 E., quarter corner between secs. 13 and 14..	40 08 52.4	84 16 42.6
T. 8 N., R. 5 E., quar. cor. between secs. 14 and 15; +roads	40 08 51.8	84 17 54.4
T. 8 N., R. 5 E., quar. cor. between secs. 15 & 16; T road s.	40 08 49.5	84 19 01.6
T. 8 N., R. 5 E., quar. cor. between secs. 16 & 17; T road s.	40 08 48.7	84 20 10.0
Covington, 2 mis. n. of, at s. e. cor. of crossroads, 25 ft. w. and 15 ft. north of crossroads; iron post stamped **"Prim. Trav. Sta. No. 38. Ohio, 1909"**.....	**40 08 50.5**	**84 21 08.9**
T. 8 N., R. 5 E., cor. of secs. 17, 18, 19, and 20.....	40 08 21.0	84 21 18.0
Quarter cor., T. 8 N., R. 5 E., secs. 19 and 20; T road w..	40 07 55.6	84 21 17.6
Covington, large steel water tank	40 07 07.1	84 21 21.9
T. 8 N., R. 5 E., quar. cor. on w. side of sec. 19; T road e.	40 07 54.2	84 22 25.6
T. 9 N., R. 4 E., quar. cor. on e. side of sec. 24; T road w.	40 07 53.8	84 22 25.6
T. 9 N., R. 4 E., quar. cor. between secs. 23 and 24; +roads	40 07 53.0	84 23 34.7
T. 9 N., R. 4 E., cor. of secs. 14, 15, 22, and 23; crossroads	40 08 18.6	84 24 43.8
T. 9 N., R. 4 E., cor of secs. 15, 16, 21, and 22, on Miami-Darke county line.....	40 08 17.8	84 25 51.4
T. 9 N., R. 4 E., cor. of secs. 16, 17, 20, and 21; crossroads	40 08 16.8	84 26 59.8
T. 9 N., R. 4 E., corner of secs. 17, 18, 19, and 20.....	40 08 15.6	84 28 08.9

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	° ′ ″	° ′ ″
Bradford, 2.5 mis. w. and 0.5 mi. n. of, on s. side of, e.-w. rd., 765 ft. e. of quar. cor. between secs. 18, 19, T. 9 N., R. 4 E.; at crossroads, about 3 ft. n. of e.-w. fence; iron post stamped "**Prim. Trav. Sta. No. 39. Ohio, 1909**"....	**40 08 14.9**	**84 28 33.3**

Crestline (MANSFIELD) Quadrangle

Through center of quadrangle west along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Shenandoah, 1.25 mis. s. and 0.25 mi. w. of; center of T road east	40 53 40.6	82 30 17.2	.....
Shenandoah, 2 miles s. and 0.8 mi. w. of, at n. e. cor. of forks of road, 25 ft. s. and 30 ft. w. to n. e. point of triangle formed by roads; iron post stamped "**Prim. Trav. Sta. No. 50. Ohio, 1910**"	**40 53 09.0**	**82 30 47.0**	**3.927**
T. 22 N., R. 18 W., stone at corner of secs. 4, 5, 8, and 9; center of T road east	40 53 14.5	82 31 57.6	5,450
Ganges, 1 mile south of, center of crossroads	40 53 39.9	82 33 21.7	6,959
T. 22 N., R. 18 W., quar. cor. between secs. 1 & 6	40 53 39.1	82 34 17.3	4,272
Fred Bricker's mail box, center of T road west	40 53 30.3	82 34 17.3	875
Bunkerhill schoolhouse, just south of; crossing of New State road and east-west road	40 53 09.5	82 35 24.5	5,572
Shelby, 2 mis. e. of, at n. w. cor. of London Cemetery, 35 ft. w. and 20 ft. n. to stone in center of crossroads; iron post stamped "**Prim. Trav. Sta. No. 51. Ohio, 1910**"	**40 53 10.3**	**82 37 19.4**	**8.823**
T. 22 N., R. 19 W., corner of secs. 3, 4, 9, and 10; cen. of rd. at n.-s. fence line at schoolhouse No. 2	40 53 09.9	82 37 46.2	2,060
T. 22 N., R. 19 W., stone at cor. of secs 4, 5, 8, &9	40 53 09.1	82 38 54.5	5,249
Shelby, Smiley Ave. crossing on C. C. C. & St. L. Ry., east track	40 53 10.3	82 39 39.6	3,470
Tps. 21 and 22 N., Rs. 19 and 20 W., stone at cor. of secs. 1, 6, 7, and 12	40 53 09.0	82 41 09.1	6,880
T road north, center of	40 53 09.3	82 41 09.1	35
T. 21 N., R. 20 W., quarter corner between secs. 1 and 2; T road north	40 53 37.4	82 42 19.4	6,120
T. 21 N., R. 20 W., quarter corner between secs. 2 and 3; Richland-Crawford county line	40 53 37.0	82 43 29.0	5,350
T. 21 N., R. 20 W., quarter corner between secs. 3 and 4; center of T road east	40 53 36.3	82 44 37.6	5,270
Prim. Trav. Sta. No. 24, 1906	**40 52 58.50**	**82 44 33.40**	**3.820**

Near east border of quadrangle south along highways

Stations	Latitude	Longitude
United Brethren Church	40 59 35.2	82 30 27.2
Road west	40 53 42.1	82 30 15.8
Road west	40 53 08.7	82 30 46.5

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Road east	40 52 22.7	82 30 49.6
Crossroads	40 50 55.1	82 30 48.2
Road west	40 49 21.3	82 30 47.1
Road east	40 47 57.0	82 30 47.7
Mansfield, flagstaff of State Reformatory	40 46 59.2	82 30 10.3

Near south border of quadrangle east along highways

	° ′ ″	° ′ ″
T. 20 N., R. 20 W., n. e. cor. of sec. 21, T road s. at schoolhouse, 30 ft. s. w. to cor. fence post, 25 ft. w. to large white-oak tree	40 46 09.8	82 44 45.1
T. 20 N., R. 20 W., n. e. cor. of sec. 22, T road n., white-oak tree; Crawford-Richland county line	40 46 09.2	82 43 35.7
T. 20 N., R. 20 W., n. e. corner of sec. 23, middle of e.-w. road at n.-s. fence at schoolhouse No. 3	40 46 08.8	82 42 28.8
Schoolhouse No. 10, road n., 20 ft. n. to cen. of box culv.	40 45 58.2	82 40 01.4
Ontario, w. part of, n. of rd. at T road s., n.-w. corner of foundation to Dr. Richard's res. bears S. 47° 15′ W., 136.7 ft.; nail in honey-locust tree s. of road bears S. 7° 45′ E. 54.9 ft.; iron post stpd. **"Prim. Trav. Sta. No. 23. Ohio, 1906"**	**40 45 36.9**	**82 38 51.4**
Ontario, 0.66 mi. e. of; T road n., 30 ft. n. w. to telephone pole, 39 ft. n. e. to corner fence post	40 45 35.9	82 37 59.1
Ontario, 1.75 mis. e. of; e.-w. road crossing on Erie Ry.	40 45 35.0	82 36 25.8
T. 21 N., R. 19 W., near quar. cor. e. side of sec. 23; + roads, 24 ft. n. e. to n. end of culv., 24 ft. s. e. to s. end of culv.	40 45 34.0	82 35 25.8
T. 21 N., R. 19 W., crossroads east side of section 24	40 45 33.6	82 34 16.7
Milepost 271, 645 ft. e. of; n.-s. road crossing on Erie Ry.	40 46 13.9	82 33 06.7
Mansfield, crossing of Erie and B. & O. railroads, just e. of Erie station	40 45 59.4	82 31 01.2
Mansfield, flagstaff at State Reformatory	40 46 59.2	82 30 11.1

Near north border of quadrangle east along highways

New Pittsburg, T. 1 N., R. 24 W., s. cor. of secs. 1 and 4; T road n. at hotel	40 59 43.3	82 43 49.1
T. 22 N., R. 20 W., n. corner of secs. 2 and 3; cor. of Richland and Crawford counties at Huron county line	40 59 43.2	82 43 29.8
T. 22 N., R. 20 W., n. cor. of secs. 1 and 2; wire fence s.	40 59 42.8	82 42 20.6
T. 22 N., R. 20 W., n. cor. of secs. 1 and 6; wire fence s.	40 59 42.4	82 41 12.8
Plymouth, public fountain	40 59 41.9	82 39 57.2
Plymouth, 0.75 mi. e. of; Co. line road +ing on N. O. Ry.	40 59 40.7	82 39 00.6
Plymouth, 2 mis. e. of, T. 1 N., Rs. 22 & 23 W., s. corner stone of secs. 1 & 4 bears N. 12° 15′ W. 18.5 ft., nail in blaze on cherry tree bears N. 57° 40′ E. 76.6 ft.; iron post stamped **"Prim. Trav. Sta. No. 28. Ohio, 1906"**	**40 59 39.5**	**82 37 50.6**
T. 23 N., R. 19 W., n. cor. of secs. 3 and 4; wire fence south	40 59 39.8	82 37 47.8
T. 23 N., R. 19 W., n. corner of secs. 2 and 3; west end of bridge over ditch	40 59 39.2	82 36 38.3

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T. 1 N., R. 22 W., s. cor. of secs. 1 & 4; + roads, 30 feet s. w. to W. Hulburt's mail box, 33 feet north west to large corner fence post	40 59 38.1	82 34 57.0

Near west border of quadrangle north along highways

Schoolhouse No. 4, 0.25 mi. n. of; +roads, 21 ft. s. e. to telegraph pole, 26 ft. n. w. to corner fence post	° ′ ″ 40 49 54.2	° ′ ″ 82 44 40.3
T. 21 N., R. 20 W., n. e. corner stone of sec. 28	40 50 33.8	82 44 39.8
T. 21 N., R. 20 W., n. e. corner stone of sec. 21	40 51 24.4	82 44 39.3
T. 21 N., R. 20 W., n. e. corner of sec. 16, 9 ft. s. to center of culvert	40 52 17.4	82 44 38.4
Tiro, 1.5 mis. s. and 1 mi. e. of; n. w. cor. of +roads, n. w. cor. of foundation to residence bears S. 35° 20′ E., 125.2 ft., nail in maple tree bears S. 18° 15′ W., 50.8 ft.; iron post stamped "**Prim. Trav. Sta. No. 24. Ohio, 1906**"	**40 52 58.5**	**82 44 33.4**
T. 21 N., R. 20 W., n. e. corner stone of sec. 4	40 54 04.2	82 44 37.5
T. 22 N., R. 20 W., s. e. corner of sec. 33	40 54 04.2	82 44 37.1
T. 22 N., R. 20 W., n. e. cor. of. sec. 28; +roads, 27 ft. n. w. to mail box, 33 ft. n. e. to corner fence post	40 55 49.1	82 44 36.8
T. 22 N., R. 20 W., n. e. cor. of sec. 21; +roads, 27 ft. s. w. to cor. fence post, 27 ft. n. w. to telegraph pole	40 56 41.6	82 44 36.1
T. 22 N., R. 20 W., n. e. corner of sec. 16; e.-w. fence	40 57 34.7	82 44 36.0
T. 22 N., R. 20 W., n. e. cor. of. sec. 9; +roads, 25 ft. due s. to center of box culvert	40 58 27.4	82 44 36.2
Milepost 325, about 300 ft. e. of. n.-s. road crossing on Northern Ohio Ry	40 58 57.1	82 44 36.3
T. 22 N., R. 20 W., n. e. cor. of sec. 4, T road s.; Crawford-Huron county line, 24 ft. n. to bench mark (sta. No. 25)	40 59 43.5	82 44 36.6
T. 22 N., R. 20 W., n. e. cor. of sec. 4, n. of road at T road s.; iron post stpd. "**Prim. Trav. Sta. No. 25. Ohio, 1906**"	**40 59 43.6**	**82 44 36.5**

Cumberland Quadrangle

Near south border of quadrangle west along highways

Stations	Latitude	Longitude
Morgan Co., at n. e. cor. of, on w. side of road opp. cemetery, stone cor., about 2 ft. from cor. of rail fence	° ′ ″ 39 45 09.8	° ′ ″ 81 38 24.5
Renrock, +roads, 90 ft. e. to center of covered bridge, 27 ft. s. to center of culvert	39 45 28.8	81 40 20.4
Dickerson's mill, just e. of; T road n., 24 ft. n. w. to + on gatepost, 19 ft. n. e. to cor. of rail fence	39 45 49.6	81 41 28.2
Oak Grove Cemetery, on e. side of, at rail fence, Muskingum-Morgan county line; stone	39 45 22.5	81 42 55.6
Knight, on Knight-Young Hickory road, 1 mi. n. w. of, J. H. Dingley's mail box	39 46 13.2	81 44 03.0
Young Hickory, T road e., 22 ft. n. to public mail box, 18 ft. s. e. to arrow on fence	39 46 46.0	81 44 57.9

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Near west border of quadrangle

Rix Mills, 0.25 mi. s. e. of; T rd. w, 32 ft. w. to + on fence post, 27 ft. southwest to + on gate post	39 55 19.0	81 44 29.5

Dayton Quadrangle

Point n. e. of Osborn to Dayton via C. C. C. & St. L. Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Mileposts 376 & 377, on Erie Ry., r. +ing halfway between	39 51 28.1	84 00 37.9
Osborn, road crossing 1 mile northeast of station	39 51 11.6	84 01 11.9
Osborn, road crossing north of station	39 50 39.2	84 01 58.8
Osborn, north-south road crossing	39 50 33.9	84 02 05.7
Gravel road and telephone road crossing at	39 49 43.4	84 03 04.8
Simms, road crossing at	39 48 35.8	84 04 23.9
Pike and telephone road crossing, east-west	39 47 12.9	84 06 42.6
Harshman, road crossing at	39 46 54.8	84 07 14.7
Street car trestle, road crossing at	39 46 41.2	84 08 22.9
Dayton, Third Street car track, crossing of	39 45 40.3	84 10 55.5
Dayton, first street-car line east of station, crossing of	39 45 18.8	84 11 32.4

Near Dayton along Pittsburgh, Cincinnati, Chicago & St. Louis Ry.

	° ′ ″	° ′ ″
Dayton, Germantown Street, crossing of	39 45 04.1	84 12 24.0
Dayton, Third Street car line, crossing of	39 45 20.6	84 12 57.2
Wagon-bridge crossing, at north end of	39 46 01.5	84 14 09.9

Near south border of quadrangle west along highways

Beaver Creek schoolhouse, ⅓ mile north of, T road south	39 46 04.2	84 00 43.4
Beaver Creek schoolhouse, ⅔ mile south of, T road south	39 45 11.1	84 00 47.6
T. 3 N., R. 7 E., quarter corner between secs. 22 and 28	39 45 13.2	84 01 28.6
T. 3 N. R. 7 E., quarter corner between secs. 28 and 34	39 45 17.2	84 02 38.2
Big Woods schoolhouse, crossroads at	39 45 19.3	84 03 14.3
T road north	39 45 24.4	84 04 37.4
Montgomery-Greene county line, at Fifth Street road	39 45 29.7	84 06 00.9
C. H. & D. Ry. at Fifth St. road crossing	39 45 34.7	84 07 18.7
East Dayton, inters. of Smithville road and Huffman Ave.	39 45 27.7	84 08 18.6
Dayton, crossing of Huffman and Linden Avenues	39 45 32.2	84 09 32.6
Dayton, crossing of Dayton & Union Ry. on Third St.	39 45 40.3	84 10 55.5
Dayton, crossing of Third and Main Streets	39 45 34.7	84 11 30.3
West Dayton, West Third St. crossing on C. H. & D. Ry.	39 45 06.3	84 14 23.1

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Near west border of quadrangle north along highways

Dayton, n. w. part of; intersect. of Salem and Oxford Aves.	39 46 09.4	84 12 40.9
Dayton, intersection of Salem Ave. & Catalpa Drive.....	39 46 56.9	84 13 31.7
T. 2 N., R. 6 E., corner of secs. 17, 18, 19, and 20.	39 47 27.7	84 14 06.0
T. 2 N., R. 6 E., corner of secs. 7, 8, 17, and 18.....	39 48 20.6	84 14 05.9
Shiloh Church, crossroads at.....	39 49 11.4	84 14 07.4
Tps. 2, 3, 4, and 5 N., Rs. 5 and 6 E., corner of secs. 31, 36, 1, and 6 (on Brookville quad.).....	39 50 01.4	84 15 15.2
T. 3 N., R. 6 E., quarter corner between secs. 30 & 31....	39 50 53.8	84 14 44.0
Spanker, crossroads at....	39 51 33.0	84 14 42 3
Spanker, 1 mile north of; T road east.....	39 52 16.6	84 14 43.1
Crossing of national road and north-south road.....	39 53 13.4	84 14 43.6
T. 3 N., R. 6 E., quarter corner between secs. 6 and 7....	39 54 28.3	84 14 45.1
Tps. 3 and 4 N., R. 6 E., quar. cor. between secs. 6 and 31, on Montgomery-Miami county line.....	39 55 20.2	84 14 46.2
T. 4 N., R. 6 E., quarter corner between secs. 31 and 32..	39 55 47.0	84 14 12.8
Schoolhouse No. 5, intersection of n. e.-s. w. road, & rd. s.	39 56 56.2	84 14 14.6
Troy, 5 miles southwest of; crossroads..... .	39 57 57.9	84 13 39.1

Near north border of quadrangle east along highways

	° ′ ″	° ′ ″
T. 4 N., R. 6 E., near corner of secs. 4, 5, 8, and 9 on w. side of n.-s. road, just north of + roads; iron post stamped **"Prim. Trav. Sta. No. 40. Ohio, 1909"**.....	**39 59 44.9**	**84 13 20.1**
T. 4 N., R. 6 E., corner secs. 4, 5, 8, and 9, crossroads near.	39 59 44.6	84 13 19.9
T. 4 N., R. 6 E., corner of secs. 5, 6, 7, and 8	39 59 43.0	84 14 19.7
Troy, 4 miles southwest of; crossroads.....	39 58 51 5	84 13 20.4
T. 4 N., R. 6 E. corner of secs. 9, 10, 15, and 16.....	39 58 52.3	84 12 17.4
Schoolhouse No. 11, crossroads near.....	39 58 53.5	84 11 08.1
Lost Creek, center of bridge over.....	39 59 07.4	84 09 40.9
Grayson, Big 4 Ry. +ing, *azimuth of Ry. 312° 40′*....	39 59 44.9	84 08 39.3
Ragtown, T road south at (on Troy quad.).....	40 00 04.2	84 07 29.5
T. 2 N., R. 10 E. corner of secs. 14, 15, 20, and 21.....	39 59 57.4	84 05 47.2
T. 2 N., R. 10 E., corner of secs. 8, 9, 14, and 15.....	39 59 53.4	84 04 39.1
T. 2 N., R. 10 E., corner of secs. 2, 3, 8, and 9.....	39 59 49.1	84 03 31.6
Crossroads.....	39 59 42.4	84 00 02.5
Alcony, 3 miles e. by 1 mi. south of, n. w. corner of Troy-Springfield pike and n.-s. road, 25 ft. n. and 20 ft. w. of crossroads, near township house; iron post stamped **"Prim. Trav. Sta. No. 43. Ohio, 1909"**.....	**39 59 42.7**	**84 00 02.7**

Near east border of quadrangle south along highways

T. 3 N., R. 9 E., corner of secs. 21, 22, 27, and 28.....	39 55 17.7	84 00 29.9
T. 3 N., R. 9 E., corner of secs. 20, 21, 26, and 27..	39 54 25.2	84 00 35.6
Midway, crossing of pikes at Tecumseh Hotel.....	39 52 55.6	84 00 35.0

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Defiance Quadrangle

West along Lake Shore & Michigan Southern Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Mileposts 48 and 49, north-south road crossing between	41 29 58.2	84 26 05.3
Milepost 49, north-south road crossing near	41 29 50.5	84 26 52.0
Mileposts 49 and 50, north-south road crossing between	41 29 43.9	84 27 31.7
Mileposts 50 and 51, north-south road crossing between	41 29 32.9	84 28 38.9
Mileposts 51 and 52, north-south road crossing between	41 29 21.4	84 29 48.5
In northwest corner of quadrangle		
T. 6 N., R. 3 E., n. e. cor. of sec. 11, in n. w. cor. of field owned by S. J. Bowman, south w. cor. of schoolhouse bears N. 26° 30′ E., distant 161 feet; iron post stamped "**Prim. Trav. Sta. No. 15, 1905**"	**41 29 59.5**	**84 28 38.8**
Near south border of quadrangle via Wabash and Baltimore & Ohio Rys.		
Ashwood, 1 mi. w. of sta.; +ing of n.-s. road on sec. line	41 15 03.4	84 28 34.7
Ashwood, road crossing at station	41 15 21.7	84 27 25.3
Ashwood, 1 mi. east of, crossing of n.-s. road on sec. line	41 15 39.8	84 26 16.6
Defiance Junction, +ing of W. Ry. and B. & O. Ry	41 16 39.5	84 22 43.5
Defiance, in water table at s. w. cor. of Defiance county jail; aluminum tablet stpd. "**Prim. Trav. Sta. No. 8, 1905**"	**41 17 11.7**	**84 21 39.0**
Defiance, in s. e. part of, Ottawa Avenue +ing on B. & O. S. W. Ry	41 16 47.1	84 21 03.5
Defiance, 2 miles east of; n.-s. road crossing	41 16 45.7	84 18 49.7
Defiance, 3 miles east of; overhead crossing	41 16 44.9	84 17 41.0
Milepost 82, n.-s. sec. line, road crossing 150 feet west of	41 16 29.2	84 15 57.1
Near southwest corner of quadrangle		
T. 3 N., R. 3 E., north cor. of secs. 2 and 3; T road south	41 15 11.5	84 29 45.9
T road east	41 16 03.9	84 29 45.2
The Bend, 1 mile east of; n.-s. road +ing on B. & O. Ry.	41 16 59.0	84 29 34.0
Near northeast corner of quadrangle		
Ridgeville corners, crossroads	41 26 15.8	84 15 26.0

Delaware Quadrangle

Near east border of quadrangle south along highways

Stations	Latitude	Longitude
Marion-Morrow county line	40 29 08.1	83 00 25.9

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T. 7 N., R. 18 W., cor. of lots 15, 14, 20, and 21; crossroads	40 28 20.1	83 00 27.9
T. 7 N., R. 18 W., cor. of lots 21, 22, 20, and 19; crossroads	40 27 21.6	83 00 32.0
T. 6 N., R. 18 W., corner of lots 13, 8, 7, and 14; pike e.-w. schoolhouse	40 24 43.0	83 00 04.2
T. 6 N., R. 18 W., crossroads, corner of lot 15 at turn east	40 23 49.9	83 00 10.6
Road crossing on Big Four Route	40 19 53.6	83 00 33.0
T. 5 N., R. 18 W., ¼ T.3, lots 22 & 23, Edin-Del. pike n. e.-s. w.	40 18 32.7	83 00 37.8
Pike east-west, old railroad crossing	40 17 46.6	83 00 59.2
On pike southeast-northwest, road south	40 17 17.7	83 00 57.2
Road east-west	40 16 08.1	83 00 02.2

Milepost 103 to a point near Prospect via Hocking Valley Ry.

Milepost 103, crossing 340 feet south of	40 15 12.6	83 05 08.5
Crossing of telephone line	40 17 18.3	83 04 59.8
Delaware, s. azimuth stone, 30 ft. s. e. of C. C. C. & St. L. and Hocking Valley Railways; limestone post, 28 by 6 by 6 inches, set 28 inches in ground, bronze meridian tablet cemented in top. *Azimuth 185° 10'*	40 17 34.5	83 04 58.4
Delaware, n. azimuth stone, 105 ft. n. of center of st. and 72 ft. e. of Ry.; limestone post, 36 by 6 by 6 inches, set 30 in. in ground, copper bolt cemented in center of top. *Azimuth 5° 10' to south stone*	40 17 47.0	83 04 56.9
Delaware station, crossing 50 feet north of	40 17 58.7	83 04 57.4
Siding, crossing 150 feet south of south end of	40 20 00.3	83 06 03.3
Milepost 95, crossing 200 feet north of	40 21 51.6	83 07 15.9
Radnor station, crossing 160 feet north of	40 23 09.6	83 08 06.0
Mileposts 90 and 91, crossing halfway between	40 25 22.7	83 09 39.1
Prospect station, crossing at	40 27 06.1	83 10 45.7
Crossing, four corners	40 29 28.0	83 09 59.3

Near west border of quadrangle north along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
New Dover, 2.5 mis. e. of, in n. e. corner of stone abutment to bridge over Mill Creek at T road s.; aluminum tablet stamped "**Prim. Trav. Sta. No. 74. Ohio, 1910**"	**40 15 01.1**	**83 14 54.3**	.....
T road south	40 15 02.0	83 14 54.5	91
Delaware-Union county line, stone at	40 15 02.1	83 14 56.0	120
Delaware-Union county line, stone monument	40 20 01.0	83 14 59.6	.....
Delaware-Union county line, pike at	40 21 10.5	83 14 59.6	.....
T road north at brick schoolhouse	40 21 02.4	83 14 18.9	3,270
Magnetic Springs, 1 mi. n. & 1.5 mis. e. of, on n. side of road, 15 ft. n. of center of T road s.; iron post stpd. **Prim. Trav. Sta. No, 82. Ohio, 1910**"	**40 21 52.9**	**83 14 14.4**	**5,113**
Roads east, west, and north near schoolhouse	40 21 53.5	83 13 51.0	.....

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Roads north, east, and south	40 22 54.5	83 14 58.9	.....
Hoskins and State road crossing	40 25 08.6	83 14 57.0	.....

Near southeast corner of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Intersection of roads n.-s. and w., about 800 ft. below brdg. over Olentangy River	40 15 10.4	83 03 46.7
T. 4 N., R. 19 W., secs. 1, 2, 3, 4, cor. of, road n. and s...	40 15 12.1	83 04 56.4
Hocking Valley Ry. road crossing, 340 ft. s. of milepost 103	40 15 12.6	83 05 08.5

Meridian Marks

Delaware, in western part of college grounds; a limestone post 36 by 6 by 6 inches, set 33 inches in the ground, in the center of top of which is countersunk and cemented a bronze tablet. Reference mark: Fountain bears S. 68° W., distance 69 feet; western line of college grounds 50 feet east.

Distant mark: North of station 480 feet, a limestone post 24 by 6 by 6 inches, set 24 inches in the ground, having a copper bolt cemented in its top.

Delphos Quadrangle

Elgin to Grover Hill along public roads

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Elgin, 1.25 miles n. of, at T road w., 30 ft. e. & 15 ft. s. to center of T road; iron post stamped **"Prim. Trav. Sta. No. 10. Ohio, 1909"**	**40 45 45.2**	**84 28 32.7**
Elgin, 1.25 mis. n. & 0.5 mi. w. of, 10 ft. s. to stone; + roads	40 45 39.6	84 29 06.8
Toledo, St. L. & W. Ry. +ing on n.-s. road; cen. of track	40 46 54.5	84 29 06.9
T. 3 S., R. 3 E., corner of secs. 1, 2, 11, & 12, at T road n., near schoolhouse; section corner stone	40 48 00.0	84 28 32.5
T. 3 S., R. 3 E., n. corner of secs. 1 & 2; T road south	40 48 56.7	84 28 32.7
T. 2 S., R. 3 E., s. corner of secs. 35 & 36; T road north	40 48 56.7	84 28 31.8
T. 2 S., R. 3 E., corner of secs. 25, 26, 35, & 36; T road e.	40 49 48.6	84 28 31.9
T. 2 S.. R. 3 E., corner of secs. 23, 24, 25, and 26	40 50 41.0	84 28 31.9
Middlepoint, 1.5 mis. w. of, 270 ft. e. of milepost 197, n.-s. road +ing on Pennsylvania Ry.; center of north track	40 51 30.5	84 28 32.0
T. 2 S., R. 3 E., quarter corner between secs. 11 and 14	40 52 25.2	84 29 07.6
Van Wert county poor farm, 0.25 mi. w. of, at s. e. cor. of + roads, 30 ft. n. and 20 ft. w. to center of + roads; iron post stamped **"Prim. Trav. Sta. No. 11. Ohio, 1909"**	**40 52 42.9**	**84 29 07.5**
T road east, just west of schoolhouse	40 53 43.7	84 29 07.9
T. 2 S., R. 3 E., north corner of secs. 2 & 3; T road s.	40 54 11.2	84 29 42.2

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T. 1 S., R. 3 E., south corner of secs, 34 & 35; T road n..	40 54 11.2	84 29 41.3
T. 1 S., R. 3 E., corner of secs. 26, 27, 34. & 35; crossroads	40 55 03.8	84 29 41.3
T. 1 S., R. 3 E., corner of secs. 22, 23, 26, & 27; crossroads	40 55 55.6	84 29 41.6
T. 1 S., R. 3 E., corner of secs. 14, 15, 22, & 23; crossroads	40 56 47.4	84 29 42.9
T. 1 S., R. 3 E., corner of secs. 10, 11, 14, & 15; crossroads	40 57 39.5	84 29 42.4
T. 1 S., R. 3 E., corner of secs. 2, 3, 10, & 11; crossroads.	40 58 31.6	84 29 43.1
Tps. 1 S. & 1 N., R. 3 E., corner of secs. 2, 3, 34, & 35; + roads on Paulding-Van Wert county line	40 59 24.6	84 29 43.6
Grover Hill, 1.68 mis. s. & 1 mi. w. of, in s. e. cor. of stone retaining wall to brdg.; aluminum tab. stpd. "730 Ohio"	40 59 40.9	84 29 43.5
Through center of quadrangle east along highways		
Cemetery, T road north.....	40 52 43.6	84 28 15.3
Dog Creek, 1 mile north of, near range line, T road east..	40 53 17.9	84 27 18.0
T. 2 S., R. 4 E., west corner of secs. 6 and 7.....	40 53 17.9	84 27 23.4
T. 2 S., R. 3 E., east corner of secs. 1 and 12.....	40 53 19.3	84 27 23.4
T. 2 S., R. 4 E., cor. of secs. 5, 6, 7, & 8; center of bridge at schoolhouse....	40 53 18.2	84 26 11.2
T. 2 S., R. 4 E., corner of secs. 4, 5, 8, and 9; crossroads..	40 53 18.5	84 25 02.8
T. 2 S., R. 4 E., corner of secs. 3, 4, 9, and 10; crossroads at Bethel Church and schoolhouse....	40 53 18.5	84 23 53.3
T. 2 S., R. 4 E., corner of secs. 2, 3, 10, and 11.....	40 53 18.8	84 22 45.2
T. 2 S., R. 4 E., corner of secs. 1, 2, 11, and 12, at schoolhouse No. 8.....	40 53 19.1	84 21 35.9
Miami & Erie Canal, bridge over, at range line.....	40 53 20.2	84 20 27.0
Delphos, 3 miles north of, in southeast corner of east-west road crossing of the Cincinnati, Hamilton & Dayton Ry., 25 feet south and 35 feet east to crossing; iron post stamped **"Prim. Trav. Sta. No. 13. Ohio, 1909"**.....	**40 53 18.6**	**84 20 07.6**
Fort Jennings, 0.8 mile s. w. of, n. e.-s. w. pike at crossing on Toledo, St. Louis & Western Ry.; center of track...	40 53 45.2	84 18 31.8
Fort Jennings, center of steel bridge over Auglaize River	40 54 09.6	84 17 44.7
Fort Jennings, 0.8 mile southeast of; T road north	40 53 54.4	84 16 47.0
T. 1 S., R. 5 E., s. cor. of secs. 34 and 35; T road north...	40 54 14.4	84 15 48.3
T. 2 S., R. 5 E., n. cor. of secs. 2 and 3; T road south.....	40 54 14.4	84 15 45.7

Deshler Quadrangle

Near south border of quadrangle east along Cincinnati, Hamilton & Dayton Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Rs. 7 and 8 E., road crossing between.....	41 01 18.2	83 59 45.3
Pike road crossing.....	41 01 18.2	83 58 47.0
Road crossing, north-south.....	41 01 18.8	83 57 27.1
Road crossing.....	41 01 19.1	83 55 26.1

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Gilboa station	41 01 19.1	83 55 19.6
Road crossing, north-south	41 01 19.1	83 55 19.2
Road crossing, north-south	41 01 19.1	83 55 08.9
Road crossing, north-south	41 01 19.2	83 54 16.6
Road crossing, north-south	41 01 19.3	83 53 59.4
Pike road crossing, northeast-southwest	41 01 19.4	83 53 11.0
Road, north-south	41 01 19.5	83 52 50.5
Road crossing, north-south	41 01 19.7	83 51 41.4
Moffitt, road crossing at	41 01 19.8	83 50 49.2
Road crossing, north-south	41 01 20.2	83 48 49.2
Benton Ridge, road crossing at	41 01 20.4	83 47 57.0
Benton Ridge, road crossing ¼ mile east of	41 01 20.5	83 47 08.0
Rs. 9 and 10 E., road crossing between	41 01 20.7	83 45 55.7
Road, north-south	41 01 20.8	83 45 04.8

Near west border of quadrangle north along highways

	° ′ ″	° ′ ′
Ottawa, 3 miles east of, in southwest corner of James Maidlow's front yard, southwest corner of Maidlow's residence bears N. 44° 30′ E., distant 46.8 feet, corner post to southwest corner of Maidlow's yard fence bears SW., distant 2 feet, in top of marble post 6 by 6 by 24 inches, set 23 inches in ground; aluminum tablet stamped "**Prim. Trav. Sta. No. 4**"	**41 00 54.1**	**83 59 48.9**
C. H. & D. Ry., road crossing between Rs. 7 and 8 E.	41 01 18.2	83 59 45.3
T. 1 N., Rs. 7 and 8 E., corner of secs. 7, 18, 13, and 12	41 03 02 2	83 59 45.5
T. 2 N., Rs. 7 and 8 E., corner of secs. 25, 30, 31, and 36	41 05 40.1	83 59 46.5
T. 2 N., Rs. 7 and 8 E., corner of secs. 18, 19, 24, and 13	41 07 24.8	83 59 47.5
T. 2 N., Rs. 7 and 8 E., corner of secs. 1, 6, 7, and 12	41 09 09.5	83 59 48.0
T. 3 N., Rs. 7 and 8 E., corner of secs. 25, 30, 31, and 36	41 10 53.0	83 59 49.0
T. 3 N., Rs. 7 and 8 E., corner of secs. 18, 19, 24, and 13	41 12 37.6	83 59 50.2
T. 3 N., Rs. 7 and 8 E., corner of secs. 1, 6, 7, and 12	41 14 22.2	83 59 51.2

Near north border of quadrangle east along highways

T. 3 N., R. 8 E., n. w. cor. of sec. 7, in n. w. cor. of field; iron post stamped "**Prim. Trav. Sta. No. 11, 1905**"	**41 14 21.9**	**83 59 50.9**
T. 3 N., R. 8 E., cor. of secs. 5, 6, 7, and 8; crossroads, 48 ft. n. to center of bridge over ditch	41 14 22.7	83 58 41.8
T. 3 N., R. 8 E,, secs. 4, 5, 8, and 9; crossroads	41 14 23.0	83 57 32.7
T. 3 N., R. 8 E., west corner of secs. 3 and 10, T road east at schoolhouse; stone	41 14 23.6	83 56 23.3
T. 3 N., R. 8 E., corner of secs. 2, 3, 10, & 11; crossroads, 25 feet west to center of bridge	41 14 24.4	83 55 13.8
T. 3 N., R. 8 E., cor. of secs. 1, 2, 11, and 12; 28 ft. n. w. to John Sher's mail box, 30 ft. s. w. to end of iron bridge	41 14 25.1	83 54 04.4
T. 3 N., R. 9 E., w. cor. of secs. 6 & 7; T rd. e, 15 ft. n. w. to small Kentucky coffee tree, Henry-Wood county line, 27 feet n. e. to cross on telephone pole	41 14 25.6	83 52 55.9

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	° ′ ″	° ′ ″
T. 3 N., R. 9 E., n. w. cor. of sec. 8, in field of Mrs. Rush, s. w. cor. of schoolhouse bears N. 15° 30′ E., distant 80.8 ft. + cut on abutment of bridge bears N. 66° 20′ W., dist. 16.8 ft.; iron post stamped "**Prim. Trav. Sta. No. 12, 1905**"	**41 14 26.1**	**83 51 43.0**
T. 3 N., R. 9 E., cor. of secs. 4, 5, 8, & 9, 15 ft. s. to center of bridge over ditch, 12 feet north to crossroads.....	41 14 26.4	83 50 33.0
T. 3 N., R. 9 E., cor. of secs. 3, 4, 9, & 10, T rd. w. at stone (church & schoolhouse), 50 feet s. to center of bridge over ditch.....	41 14 26.2	83 49 24.4
T. 3 N., R. 9 E., cor of secs. 2, 3, 10, & 11; + roads at stone	41 14 25.8	83 48 14.6
T. 3 N., R. 9 E., east corner of secs. 2, and 11; crossroads at schoolhouse No. 1, stone.....	41 14 24.9	83 47 07.2
T. 3 N., Rs. 9 & 10 E., cor. of secs. 1, 6, 7, & 12; + rds., 21 ft. s. to center of bridge, 21 ft. s. e. to Mrs. F. A. Lovell's mail box.....	41 14 26.9	83 45 57.4
T. 3 N., R. 10 E., n. e. cor. of sec. 7, at + roads at schoolhouse No. 2; cross cut in s. w. cor. of large stone culvert bears N. 11° E., distant 17.6 ft., s. w. cor. of schoolhouse bears N. 48° E., dist. 126 ft.; iron post stamped "**Prim. Trav. Sta. No. 13, 1905**" (on Findlay quad.).....	**41 14 26.1**	**83 44 46.5**

Dublin Quadrangle

Columbus to Hyatts via Hocking Valley Ry.

Stations	Latitude	Longitude
Columbus, Lane Avenue station; crossing 150 feet s. of	40 00 24.3	83 01 55.5
Olentangy station, crossing under railway 550 feet north of	40 03 48.5	83 02 48.1
Elmwood station, crossing 200 feet south of.	40 05 25.2	83 03 09.4
Milepost 113, crossing 850 feet north of.....	40 07 01.8	83 03 30.7
Powell station, crossing 160 feet south of	40 09 29.6	83 04 42.3
Milepost 107, crossing 170 feet south of.....	40 11 44.5	83 05 22.7
Hyatts station, (Hyattsville) crossing 1,200 feet south of	40 12 58.3	83 05 17.6
Kileville to milepost 127 via Toledo and Ohio Central Ry.		
Flag station, (Kileville) telephone line 200 feet south e. of	40 06 15.6	83 12 38.5
Amlin station, crossing 100 feet northwest of.....	40 04 36.4	83 10 51.1
Milepost 122, crossing 300 feet southeast of.	40 02 54.5	83 09 01.0
Telephone line crossing.....	40 01 56.6	83 07 58.4
Toledo & Ohio Central Ry. & Penn. R. R. crossing.....	40 00 04.5	83 05 57.4
Milepost 127, crossing at (on West Columbus quad.).....	39 59 36.1	83 05 26.7
Near west border of quadrangle north along highways		
Pittsburgh, Cincinnati, Chicago & St. Louis Ry., +ing of.	40 05 43.2	83 14 54.0
Madison-Union county line, stone monument.....	40 06 29.8	83 14 01.3
Fork of road northwest.....	40 09 50.2	83 13 44.1
Schoolhouse No. 9, road west near.....	40 11 26.2	83 14 32.3

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Watkins, crossroad in east part of	40 12 45.5	83 14 41.0
Roads east, west, and north	40 13 53.0	83 14 46.1
Near northeast corner of quadrangle west along highways		
District No. 7 schoolhouse, road south	40 14 24.9	83 00 22.7
C. C. C. & St. L. Ry.; crossing, *Azimuth 176° 56'*	40 14 26.0	83 00 46.2
Columbus-Delaware road	40 14 31.9	83 03 05.7
Near east border of quadrangle south along highways		
Delaware-Franklin county line, road east	40 08 10.2	83 00 16.4
Crossing under C. C. C. & St. L. Ry., turn s. on railroad	40 08 07.6	83 00 19.0
Flint, road crossing 210 feet north of station	40 07 38.3	83 00 16.9
Road crossing	40 06 33.3	83 00 12.3
Worthington, ¾ mi. e. of, junction of Penn. and C. C. C. & St. L. railroads	40 05 10.9	83 00 06.4
Road crossing	40 03 42.0	83 00 00.0
Columbus, intersection of N. High St. and W. Lane Ave.	40 00 21.9	83 00 33.8

East Cincinnati Quadrangle

Cincinnati to Symmes station via Baltimore & Ohio Southwestern R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Cincinnati, Mount Lookout astronomic pier	39 08 21.87	84 25 21.93
Madisonville station	39 09 26.0	84 23 49.0
East Madisonville station	39 09 35.3	84 23 10.0
Madeira station	39 11 17.0	84 21 45.9
Allandale station	39 11 49.2	84 20 34.4
Remington station	39 13 35.8	84 19 26.7
Symmes station	39 14 50.0	84 17 45.8
Near northwest corner of quadrangle along highways		
Carthage; crossing of Fifth St. and C. H. & D. Ry	39 11 54.3	84 28 57.0
Hartwell, Clark Avenue, east	39 13 18.9	84 28 22.6
Parkplace, Allen Avenue, west	39 14 32.7	84 28 15.5
Spann to Guinea along highways		
Spann, 0.2 mi. e. of; center of T pike s. at bridge	39 00 25.9	84 15 25.7
Spann, 0.5 mi. e. of, 91 ft. s. of s. cor. of Spann schoolhouse; iron post stamped "**Prim. Trav. Sta. No. 95. Ohio, 1909**".	39 00 48.1	84 15 09.2
Wm. Eppert's mail box, center of crossroads	39 01 40.2	84 15 18.1
Merwin, 670 ft. [illegible] postoffice; Ohio pike at pike s. w.	39 03 13.8	84 15 21.0

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Withamsville, Ohio pike at T road n. at postoffice	39 03 52.3	84 16 45.4
Withamsville, 1.3 mi. n. of; e.-w. pike at center of T road s..	39 05 02.2	84 16 35.4
Gleneste, n.-s. pike +ing on C. G. & P. Ry. at station.....	39 05 40.1	84 15 46.7
Gleneste, 0.5 mi. n. w. of; center of T pike north.....	39 06 21.2	84 16 14.7
Dave Hausermann's mail box, bend in road at.....	39 07 10.2	84 16 06.9
Perintown, 0.7 mi. w. of, on n. side of e.-w. pike, 10 ft. w. and 10 ft. n. of center of T rd.; iron post stamped "**Prim. Trav. Sta. No. 96. Ohio, 1909**".....	**39 08 16.7**	**84 15 01.3**
Guinea, 0.3 mi. n. w. of, at store; center of cross pikes ...	39 13 44.7	84 15 22.8

East Liberty Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Belle Center, 1.25 miles s. and 1.25 miles e. of; crossroads.....	40 29 28.3	83 43 45.8	.....
Northwood, in e. part of, 20 ft. s. and 10 feet e. to old guidepost; crossroads, on McArthur-Richland township line	40 28 22.0	83 43 57 0	6,766
Fulton Cemetery; crossroads at	40 27 17.0	83 43 40.1	6,712
Intersection of Bellefontaine-Northwood pike with east-west road.....	40 26 08.8	83 44 10.5	7,300
Intersection of Bellefontaine-Northwood pike with east-west road.....	40 25 08.8	83 44 31.2	6,289
Hopewell schoolhouse, T road west at.....	40 24 18.9	83 44 47.8	5,218
Bridge over branch, center of.....	40 23 43.2	83 44 58.5	3,708
Bellefontaine-New Jerusalem pike at corporation line north-south.....	40 21 55.4	83 44 25.2	.....
Bellefontaine, 1.5 miles e. of, at s. e. corner of forks of road, 30 ft. north and 15 feet w. to center of triangle in forks; iron post stamped "**Prim. Trav. Sta. No. 92. Ohio, 1910**".....	**40 22 03.9**	**83 43 51.9**	**2,716**
T road west	40 21 33.1	83 43 34.9	3,383
Crossroads, 25 ft. n. to cor. fence post	40 20 57.5	83 43 38.4	3,610
Toledo & Ohio Central Ry. at road crossing....	40 20 16.6	83 44 43.3	6,504
Ludlow line road at pike southeast	40 19 42.3	83 44 32.9	3,571
T. 4 N., R. 14 E., e. cor. of secs. 25 and 26; cor. of Jefferson, Monroe, and Liberty townships.	40 18 59.0	83 44 17.5	4,540
Road west at schoolhouse	40 18 45.6	83 44 12.7	1,410
Ludlow line road at pike west	40 17 54.5	83 43 54.9	5,350
Five Forks schoolhouse; crossroads at	40 17 07.1	83 43 38.1	4,970
Crossroads, guideboard "Bellefontaine 7 miles, Liberty 3 miles"	40 16 12.0	83 43 19.1	5,770
Piat Castle, crossroads at.....	40 15 24.4	83 43 02.6	4,983
T road south near old mill	40 15 03.4	83 43 47.7	4,091

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Through center of quadrangle east along highways

	° ′ ″	° ′ ″	Feet
Bellefontaine, about 2 miles e. of; n. meridian stone of Coast and Geodetic Survey.....	40 22 17.1	83 43 12.2	.....
Bellefontaine-New Jerusalem pike, at T road s., at John Karu's mail box	40 22 33.8	83 42 17.2	4,574
Apple Grove schoolhouse, 0.5 mi. e. of; T rd. n.	40 22 39.5	83 40 40.6	7,497
New Jerusalem, T road west at.....	40 22 30.6	83 39 26.0	5,844
New Salem Church, road just east of	40 22 38.8	83 38 28.9	4,504
Crossroads 130 ft. west of township line	40 23 01.0	83 36 55.9	7,533
North Greenfield, 0.5 mi. w. of, at n. w. cor. of +roads at Hickman schoolhouse, 25 ft. s. and 25 ft. e. to center of +roads; iron post stpd. **"Prim. Trav. Sta. No. 93. Ohio. 1910"**.....	**40 22 33.8**	**83 36 02.8**	**4.939**
North Greenfield, T road north.....	40 22 40.1	83 35 21.4	3,268
Mill Creek schoolhouse, road north at.....	40 22 24.3	83 34 01.5	6,390
Crossroads	40 22 02.8	83 32 57.0	5,438
Logan-Union county line stone.....	40 21 56.1	83 32 10.0	3,700

Near north border of quadrangle

Big Springs, 1.25 miles west of; crossroads.....	40 29 53.6	83 39 28.8

Near south border of quadrangle

Moore schoolhouse; crossroads at	40 15 17.6	83 34 52.2

Near milepost 83 to Lunda via Toledo & Ohio Central Ry.

Mileposts 83 and 84; crossing halfway between, 1,450 feet north of creek	40 29 21.1	83 33 33.6
Milepost 86, crossing 480 feet north of.....	40 27 11.0	83 33 16 9
West Mansfield, main road running north from	40 24 34.3	83 32 46.7
Milepost 91, crossing 830 feet south of.....	40 22 59.3	83 31 24.0
Lunda station, crossing 400 feet south of.....	40 21 59.2	83 30 31.7

Edon Quadrangle

Near Ohio-Indiana State line north along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Tps. 6 and 7 N., R. 1 E., w. cor. of secs. 6 and 31; T rd. e..	41 30 46.5	84 48 15.2
T. 7 N., R. 1 E., stone at w. corner of secs. 30 and 31	41 31 38.9	84 48 15.7
T. 7 N., R. 1 E., w. corner of secs. 19 and 30; T road east.	41 32 30.8	84 48 16.4
Edon, 2 mis. w. of +ing of W. Ry. and Ohio-Ind. State line.	41 32 54.7	84 48 16.7
T. 7 N., R. 1 E., +roads at w. corner of secs. 7 and 18 ..	41 34 14.7	84 48 18.0
T 7 N., R. 1 E., west corner of secs. 6 and 7; T road east	41 35 07.0	84 48 18.7
T. 8 N., R.1 E., T road south..... .	41 36 47.4	84 48 20.0

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Columbia, crossroads	41 37 58.8	84 47 19.4
Columbia, 1.5 miles north of; road west	41 39 11.6	84 47 37.1
Store; T road e. just s. of, 0.33 mi. n. of schoolhouse, 33 ft. s. e. to mail box, 44 ft. n. e. to apple tree	41 40 16.3	84 47 45.0
Ohio-Indiana State line, T road e. 1.25 mis. s. of n. w. cor. of Ohio	41 40 41.9	84 48 21.3
T road east	41 41 34.8	84 48 21.1
Ohio-Indiana-Michigan State corner	41 41 46.2	84 48 21.1
Near Ohio-Michigan State line		
T. 9 S., R. 4 W., cor. of secs. 8, 9, 16, and 17; T road n	41 41 35.4	84 47 10.9
T. 9 S., R. 4 W., cor. of secs. 9, 10, 15, and 16; T road n	41 41 36.3	84 46 01.1

Elmore Quadrangle

Rising Sun to a point near Lemoyne via Hocking Valley Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Rising Sun station, crossing 130 feet south of	41 16 06.8	83 25 43.4
T. 4 N., R. 12 E., corner of secs. 11, 12, 13, and 14	41 18 43.5	83 26 14.6
Bradner station, crossing 150 feet north of	41 19 22.6	83 26 17.8
Milepost 21, crossing 840 feet south of	41 22 12.1	83 26 47.5
Pemberville station, crossing 80 feet north of	41 24 28.6	83 27 11.3
T. 5 N., R. 12 E., corner of secs. 2, 3, 10, and 11	41 24 49.6	83 27 16.7
Milepost 16, crossing 480 feet south of	41 26 33.2	83 27 39.9
Lemoyne station	41 29 39.6	83 28 25.7
Pike crossing	41 29 45.2	83 28 27.0

Era Quadrangle

At Yellowbud

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Yellowbud, in s. e. cor. of George Kline's front yard on e. side of canal; s. e. cor. of foundation to Kline's residence bears N. 43° 50′ W., distant 25.9 ft.; center of s. e. cor. fence post of yard bears S. 60° E., distant 3.4 ft.; lower hinge of front yard gate bears S. 77° 20′ W., distant 37.4 ft.; in 7 by 14 by 26 inch sandstone post; aluminum tablet stamped "**Prim. Trav. Sta. No. 7**"	**39 30 12.0**	**83 00 29.8**
Yellowbud, town pump at T road east	39 30 11.8	83 00 35.0
Near south border of quadrangle east along highways		
Schoolhouse No. 9, about 1 mile east of; center of bridge.	39 30 19.1	83 13 49.3
Schoolhouse No. 1, Deerfield township, T road west, 33 ft. n. w. to cross on board fence, 26 ft. s. w. to cross on e. end of wood steps	39 30 23.4	83 12 30.7

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	° ′ ″	° ′ ″
Clarksburg, 1.5 mis. w. of; T road n., 30 ft. n. e. to +on cor. of fence, 33 ft. n. w. to cross on large cor fence post..	39 30 11.4	83 10 46.1
Clarksburg, 0.75 mi. s. w. of; T road n. w., 27 ft. e. to + on gatepost, 25 ft. s. e. to cross on telephone pole	39 30 05.6	83 09 50.1
Clarksburg, in n. cor. of James Corcoran's property; s. e. cor. of foundation of Wilkins's residence bears N. 60° 30′ W., distant 43 ft; n. w. cor. of brick foundation to James Corcoran's front porch bears S. 30° E., distant 96.3 ft.; iron bench-mark post stamped "**Prim. Trav. Sta. No. 6**" (Post moved in April, 1912, position uncertain)	**39 30 16.2**	**83 09 11.7**
Near north border of quadrangle east along highways		
Era, 430 feet w. of sta.; public rd. crossing on B. & O. Ry	39 44 23.2	83 14 38.1
West Union schoolhouse, 0.5 mile northwest of; road north, 27 feet northwest to corner of yard fence, 15 feet east to corner stone.....	39 44 07.7	83 12 58.8
West Union schoolhouse, 0.33 mile southeast of; T road east, 15 feet to south end of culvert.....	39 43 38.9	83 12 18.6
Saranac, T road northwest, 9 feet south to center of bridge, 24 feet southeast to William Sanderson's mail box. ...	39 43 20.4	83 10 45.6
Springdale stock farm, T road southwest, Darby-Muhlenberg tp. line stone.....	39 43 56.8	83 09 30.5
Big Darby Creek, at ford, on left bank, arrow painted on sycamore tree.....	39 43 47.9	83 07 57.1
Darbyville, 2 miles north of, on east side of Darbyville-Commercial pike at T road west, stone township monument bears S. 72° 14′ W., 14.1 feet; iron post stamped "**Prim. Trav. Sta. No. 1, 1906**".....	**39 43 59.6**	**83 06 14.2**
Shadyside schoolhouse, 1.5 miles e. of, stone at T rd. n...	39 44 40.2	83 04 48.5
Crossroads at Hall's residence, stone.....	39 44 30.5	83 03 30.6
M. L. Thomas's mail box, T road west, 30 feet southwest to elm tree, 34 feet northwest to north end of culvert..	39 44 35.1	83 01 25.7
Darbyville-South Bloomfield pike, at pike to north, 39 feet east to arrow, 18 feet south to cross on fence post....	39 43 17.3	83 01 12.4
Through center of quadrangle east along highways		
Yankeetown Methodist Episcopal Church, 0.5 mile west of, on Circleville-Yankeetown pike, at T road south.	39 39 08.1	83 14 44.4
Yankeetown Methodist Episcopal Church, 1 mile east of, on Circleville-Yankeetown pike, at T road north.	39 38 35.5	83 12 58.6
Monroe township schoolhouse No. 10, on Circleville-Yankeetown pike at road south.....	39 38 24.2	83 12 23.0
Deer Creek, at postoffice; center of cross pikes.....	39 37 59.8	83 11 05.9
Deer Creek, 1 mile east of postoffice; center of grass plot at road forks.....	39 37 38.4	83 10 09.4
Peter Justin's mail box, on Circleville-Yankeetown pike, at intersection with T road north.....	39 37 29.2	83 09 09.8
Monroe township schoolhouse No. 1, on Circleville-Yankeetown pike, at intersection with T rd. south.....	39 37 07.4	83 08 24.3
Williamsport, near; stone on Monroe-Jackson tp. line	39 36 48.8	83 07 08.2

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	° ′ ″	° ′ ″
Williamsport, 2 mis. n. of, 260 ft. e. of Monroe-Jackson tp. line, about 30 ft. s. w. of T rd. w.; iron post stamped **"Prim. Trav. Sta. No. 75, 1909, Ohio"**	**39 36 47.8**	**83 07 05.0**
Schoolhouse No. 8, 0.7 mile west of, on Circleville-Yankeetown pike, at T pike north	39 36 57.3	83 05 54.5
Schoolhouse No. 8, 1 mile east of, on Circleville-Yankeetown pike, at F. J. Clark's mail box; T pike south	39 37 14.0	83 04 08.8
Schoolhouse No. 8, 2 miles east of; T pike north	39 37 24.8	83 03 15.1
Circleville, 4.5 miles west of; junc. of Circleville-Yankeetown and Circleville-Dayton pikes	39 37 31.7	83 01 40.8
Wildwood Parks farm, cross pikes	39 36 41.8	83 00 22.1

Felicity (see Bethel) Quadrangle

Findlay Quadrangle

Cygnet to milepost 46 south of Findlay via Toledo & Ohio Central Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Cygnet station, crossing 270 feet north of	41 14 23.5	83 38 43.3
Milepost 32, crossing at	41 12 40.0	83 38 42.8
T. 3 N., R. 11 E., west corner of secs. 30 and 31	41 10 55.8	83 38 57.6
Galatea, B. & O. & T. & O. C. railroad crossing	41 10 40.8	83 38 42.8
Vanburen station, crossing 120 feet south of	41 08 17.5	83 38 42.8
Mortimer, road crossing 465 feet south of station	41 06 33.4	83 38 42.9
Mortimer station	41 06 38.0	83 38 42.9
Corner Tps. 1 and 2 N., Rs. 10 and 11 E	41 04 49.9	83 38 58.3
North Findlay, crossing of L. E. & Western R. R	41 02 50.7	83 38 42.2
Findlay, n. azimuth stone at 790 ft. n. of crossing on C. C. C. & St. L. Ry., 320 ft. n. of st. and 5 ft. e. of e. rail of T. & O. C. Ry., in limestone post 36 by 7 by 5 in. set 34 in. in ground; a copper bolt cemented in top	41 02 23.4	83 38 38.9
Findlay, s. azimuth stone, 268 ft. s. of crossing on C. C. C. & St. L. Ry., 4 ft. n. of sidewalk on Main St. & 17 ft. w. of w. rail of T. & O. C. Ry., limestone post 40 by 7 by 5 in. set 36 in. in ground, bronze meridian tablet cemented in center of top. *Azimuth 178° 02′ 30″ to n. stone*	41 02 13.0	83 38 38.5
Findlay station	41 02 11.0	83 38 37.9
Findlay, crossing of T. & O. C. and C. H. & D. Rys	41 01 20.4	83 38 32.2
Milepost 46, crossing 250 feet south of	41 00 28.2	83 38 28.1
Near southwest part of quadrangle along Cincinnati, Hamilton & Dayton Ry.		
Pike road crossing, northeast-southwest	41 01 20.8	83 44 19.6
Road crossing, north-south	41 01 20.7	83 44 13.1
Road crossing, north-south	41 01 20.7	83 43 39.1
Road crossing, north-south	41 01 20.5	83 42 46.5

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Road crossing, north-south	41 01 20.4	83 41 54.3
Lake Erie & Western R. R. crossing	41 01 20.4	83 41 00.2
Road crossing, north-south	41 01 20.4	83 40 45.2
Road crossing, northeast-southwest	41 01 20.5	83 40 05.4
Findlay, Main Street crossing	41 01 20.5	83 39 01.6
Findlay station	41 01 20.5	83 38 59.5
Near west border of quadrangle north along highways		
Lake Erie & Western Ry. crossing	41 00 45.2	83 41 54.5
T. 1 N., R. 10 E., quarter corner between secs. 15 and 16	41 02 38.5	83 42 29.2
T. 1 N., R. 10 E., quarter corner between secs. 9 and 10	41 03 30.9	83 42 29.4
Cincinnati, Hamilton & Dayton Ry. crossing	41 04 59.2	83 43 36.9
T. 2 N., R. 10 E., corner of secs. 28, 29, 32, and 33	41 05 42.6	83 43 37.1
T. 2 N., R. 10 E., corner of secs. 16, 17, 20, and 21	41 07 26.8	83 43 37.9
Road northeast-southwest	41 09 34.5	83 43 38.3
T. 3 N., R. 10 E., corner of secs. 28, 29, 32, and 33	41 10 58.1	83 43 36.9
T. 3 N., R. 10 E., corner of secs. 20, 21, 28, and 29	41 11 50.1	83 43 37.8
T. 3 N., R. 10 E., corner of secs. 16, 17, 20, and 21	41 12 42.2	83 43 38.1
T. 3 N., R. 10 E., corner of secs. 4, 5, 8, and 9	41 14 26.6	83 43 38.5
T. 3 N., R. 10 E., n. e. cor. of sec. 7, at +roads at schoolhouse No. 2; +cut in s. w. cor. of large stone culvert bears N. 11° E., distant 17.6 ft., s. w. cor. of schoolhouse bears N. 48° E., dist. 126 ft.; iron post stpd. "**Prim. Trav. Sta. No. 13, 1905**"	**41 14 26.1**	**83 44 46.5**

Meridian Marks

Findlay, in southeast part of college grounds; a sandstone post 36 by 6 by 6 inches, set 32 inches in the ground, in the center of top of which is countersunk and cemented a bronze tablet. Reference mark: Twenty-four feet from south fence, 15 feet from east fence, and 41 feet from water plug at corner.

Distant mark: North of station 525 feet, a sandstone post 36 by 6 by 6 inches, set 36 inches in ground, having a copper bolt cemented in its top.

Fostoria Quadrangle

Point near Alvada Station to a point near Longley via Hocking Valley Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Milepost 45, crossing 900 feet north of	41 01 43.4	83 24 16.0
Alvada station, crossing 100 feet north of	41 03 00.7	83 24 24.1
Siding, crossing 190 feet south of south end of	41 05 38.5	83 24 23.1
Crossing of telephone line	41 07 23.2	83 24 24.0

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	° ′ ″	° ′ ″
Fostoria, s. azimuth stone, 7 ft. e. of e. rail on H. V. Ry., in arch culvert e. of Fostoria Bulb & Bottle Co.'s works; bronze meridian tablet cemented in culvert. *Azimuth, 179° 35′ 25″*	41 08 38.8	83 24 24.6
Fostoria, n. azimuth stone, 500 ft. s. of B. & O. & H. V. Ry. crossing, and 7 ft. e. of e. rail of H. V. Ry., sandstone post 36 by 8 by 8 inches, set 34 inches in ground; copper bolt cemented in center of top	41 09 01.2	83 24 24.8
Fostoria, street-car + on H. V. and T. & O. C. Rys.	41 09 13.0	83 24 25.6
Fostoria station, Hocking Valley Ry.	41 09 40.7	83 24 37.1
Milepost 33, crossing 1,300 feet north of	41 12 11.9	83 25 02.2
Longley station, crossing 320 feet north of	41 13 20.6	83 25 14.3
T. 3 N., Rs. 12 and 13 E., corner of secs. 7, 18, 13, 12	41 13 29.6	83 25 13.7
Near southeast corner of quadrangle		
McCutchenville, n. part of T. & O. C. Ry. crossing	41 00 08.0	83 15 43.1
T. 1 N., R. 14 E., crossroads in w. central part of sec. 21	41 01 44.6	83 15 43.3
T. 1 N., R. 14 E., crossroads on line between secs. 28 & 33	41 00 26.3	83 15 43.5

Frazeysburg Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Fallsburg, road w. at hotel, 42 ft. n. w. to + on telegraph pole, 58 feet southeast to stone step of store	40 12 16.6	82 14 18.0
Secs. 8 and 13, quarter corner between	40 12 47.2	82 13 58.9
Wakatomika Creek, just east of Eli Frey's residence, east end of covered bridge	40 13 15.1	82 13 16.8
Frampton, at schoolhouse, corner stone to secs. 1, 2, 9, & 10	40 13 37.8	82 12 11.9
Frampton, 1 mi. e. of, at Licking-Coshocton county line, T road south; forked post	40 13 40.6	82 11 01.7
Crossroads, guidepost ("Bladensburg 8 miles")	40 13 47.0	82 09 54.8
French Melick's res., road n. at; + on telegraph pole	40 14 13.5	82 09 21.8
West Carlisle, 1.3 mis. w. of; road s., 15 ft. to + on fence post, 33 ft. w. to cross on telegraph pole	40 14 10.6	82 08 26.3
West Carlisle, in s. w. corner of lot of H. M. Robinson; n. w. cor. of Presbyterian Church bears S. 1° 30′ E., distant 123 ft.; nail in e. face of locust tree bears N. 83° W., dis. 46.2 ft.; iron post stamped "**Prim. Trav. Sta. No. 55, 1905**"	**40 13 43.7**	**82 07 00.0**
Cooperdale, 1.66 mis. w. of; forks of road, 36 ft. s. w. to + on fence post, 35 ft. s. e. to + on corner of rail fence	40 13 52.4	82 05 50.6
Cooperdale to Tunnel Hill via Cleveland, Akron & Columbus Ry.		
Cooperdale, 0.33 mile north of; road crossing	40 13 22.6	82 04 05.3
Tunnel Hill, 1.75 miles south of; east-west road crossing	40 14 00.2	82 03 48.4
Tunnel Hill, 0.75 mile south of; n. w.-s. e. road crossing	40 14 47.0	82 03 13.9

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Tunnel Hill, road crossing (on Brinkhaven quad.).....	40 15 17.4	82 02 56.3
Near Dresden along Wheeling & Lake Erie and Cincinnati & Muskingum Valley Rys.		
W. & L. E. Ry. milepost No. 11; center of track opposite.	40 04 40.8	82 00 01.1
Dresden, 2 mis. s. of, just n. of milepost No. 4; e.-w. road crossing of Cincinnati & Muskingum Valley Ry.....	40 05 41.5	82 01 02.0
Milepost 3, east-west road crossing 500 feet north of.....	40 06 33.5	82 00 42.8
Dresden, near n. w. corner of public-school grounds, n. w. corner of schoolhouse bears N. 80° E., dis. 137.3 ft.; nail in root of maple tree bears S. 30° 30′ E., distant 13 feet; iron post stamped "**Prim. Trav. Sta. No. 54. 1905**".	**40 07 17.8**	**82 00 49.8**
Canal, road crossing under railroad bridge.....	40 07 57.6	82 01 02.4
Trinway to Wakatomika via Cleveland, Akron & Columbus Ry.		
Trinway station, just west of, crossing of C. A. & C. and Penn. Rys., main line, north track.....	40 08 36.3	82 00 54.4
Trinway, 2 miles n. of, n. w.-s. e. road +ing, at cov. brdg.	40 10 16.3	82 01 48.8
Wakatomika, 0.75 mile south of, e.-w. road crossing.....	40 11 19.2	82 02 19.7
Wakatomika, 0.5 mile north of, road crossing.....	40 12 06.2	82 03 04.6
East-west road crossing.....	40 12 45.1	82 03 36.5
Near Fallsburg along highways		
Second-class T rd. e., 10 ft. e. to oak tree, 15 ft. s. e. to oak	40 14 08.3	82 14 01.6
Fallsburg, about 1.5 miles n. of, 150 ft. e. of cov. brdg. over Wakatomika Creek; Charles Smith's mail box in triangle at forks of road.....	40 13 18.9	82 14 16.2
Pleasant Valley to milepost 85 via Baltimore & Ohio Ry.		
Pleasant Valley, 1.5 mis. s. e. of, oppo. mi'post 86; cen. of trk.	40 00 09.7	82 06 54.4
Milepost 85, private road crossing, 275 feet east of.....	40 00 02.6	82 05 48.4
Near Hanover along highways		
Reform, 1.5 miles s. of; T road e. at H. L. Smith's residence, 36 ft. s. e. to + on gatepost, 45 ft. s. w. to H. L. Smith's mail box.....	40 06 47.1	82 14 49.5
Hanover, 1 mile n. e. of; five corners, 24 ft. s. e. to + on cor. fence post, 32 ft. e. to + on picket at cor. of fence	40 05 34.5	82 14 53.7

Fredericktown Quadrangle

Near north border of quadrangle west along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Fredericktown, at milepost 84 in n. part of, road crossing Baltimore & Ohio Southwestern Ry..	40 29 16.8	82 32 42.8	.....

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Fredericktown, 1.5 mis. w. and 1 mi. n. of; center of crossroads	40 29 42.2	82 34 34.3	9,003
Fredericktown, 3.25 mis. w. and 1 mi. n. of; center of T road north	40 29 44.5	82 36 22.8	8,393
Fredericktown, 4.8 mis. w. and 1 mi. n. of, in s. end of concrete culvert at + rds., 15 ft. w. and 15 ft. n. to center of + roads; aluminum tablet stamped **"Prim. Trav. Sta. No. 58. Ohio, 1910"**	**40 29 47.3**	**82 37 42.0**	**6,131**
Knox-Morrow county line	40 29 48.6	82 38 08.2	2,028
Chesterville, 2 mis. north and 1.25 miles east of; center of T road south	40 29 52.3	82 39 34.0	6,650
Crossroads (on Shauck quad.)	40 30 11.4	82 40 29.6	4,710

Through center of quadrangle west along highways

	° ′ ″	° ′ ″	*Feet*
Mount Vernon, 1 mi. w. of, at n. w. cor. of T road e. at steel bridge over Kokosing river, 30 ft. s. to n. end of stone water trough, 25 ft. s. and 65 ft. e. to n. w. cor. of bridge, 15 ft. e. by 35 ft. s. to center of T road e.; iron post stamped **"Prim. Trav. Sta. No. 70. Ohio, 1910"**	**40 23 35.1**	**82 30 27.7**	.....
Mt. Vernon, 2.5 mis. w. of; center of T road n.	40 23 55.2	82 31 54.4	7,015
Liberty-Clinton township line; center of road at	40 24 00.6	82 32 42.0	3,730
Mount Vernon, 4 miles west of, center of crossroads; guide board "Green Valley 1½ miles"	40 24 10.3	82 33 50.3	5,383
Liberty Chapel schoolhouse, 0.8 mi. w. of; center of T road north	40 24 10.6	82 35 02.6	5,594
Polk schoolhouse, center of crossroads	40 24 10.9	82 35 50.9	3,750
Polk schoolhouse, 0.8 mi. w. of; center of + roads	40 24 09.9	82 36 39.1	3,736
Sparta, 3.5 mis. e. and 1 mi. n. of, in n. e. cor. of schoolhouse yard at + roads, 30 ft. n. and 25 ft. e. to center of + roads; iron post stpd. **"Prim. Trav. Sta. No. 71. Ohio, 1910"**	**40 24 16.2**	**82 37 56.3**	**6,008**
Knox-Morrow county line, center of e.-w. road	40 24 09.5	82 38 32.4	2,879
Sparta, 2.5 miles east and 0.5 mile north of; stone in center of crossroads	40 24 03.0	82 39 08.6	2,885
Sparta, 1.25 mis. east of; center of crossroads	40 23 49.8	82 40 39.7	7,171
Sparta, in n. e. part of; junction of n. e.-s. w. road at road west	40 23 54.1	82 41 43.8	4,990
T. 6 N., R. 15 W., near quarter cor. between secs. 6 and 7; center of T road south	40 23 57.7	82 43 19.5	7,419
T. 6 N., R. 15 W., near quarter corner on w. side of sec. 6; center of crossroads	40 24 01.12	82 44 26.38	5,188

Near west border of quadrangle north along highways

Knox-Delaware county line, junction of roads on (on Marengo quad.)	40 17 03.1	82 45 01.4	.....
Centerburg, 2.5 miles west of, at turn of road, 20 ft. s. of telephone pole; Delaware-Knox Co. line	40 18 25.5	82 44 55.0	8,357
Centerburg, 3 miles west of; center of T road north (on Marengo quad.)	40 18 30.6	82 45 38.1	3,375

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Vails Corners, guidepost (on Marengo quad.) ..	40 21 54.6	82 45 13.7	.....
Bloomfield, 1 mi. w. and 0.5 mi. n. of, 2.8 mis. s. w. of Sparta, near s. w. cor. of J. D. Shorr's yd. at T rd. n., 50 ft. s. and 20 w. to cen. of T rd.; iron post stamp "**Prim. Trav. Sta. No. 72. Ohio, 1910**"	**40 22 11.6**	**82 44 40.3**	**3,107**
T road w., 10 ft. west to n. e. corner of triangle	40 22 47.2	82 44 36.6	3,611
T. 6 N., R. 15 W., stone at cor. of secs. 5 & 6; crossroads.....	40 24 36.5	82 44 23.1	.....
Tps. 6 and 7 N., R. 15 W., w. cor. of secs. 5 & 25	40 25 18.7	82 44 19.6	4,280
Penlam, 1 mile south of; center of T road north at J. R. Ulery's mail box.....	40 25 53.6	82 44 51.5	4,315
Penlam, stone at center of crossroads.....	40 26 43.8	82 44 47.5	5,091
Penlam, 1 mile north of; center of T road north, 60 feet east to T road south.....	40 27 34.1	82 44 44.1	5,106
Penlam, 2 miles north of; center of T road south	40 28 27.8	82 44 39.9	5,439
Stone at center of +roads, guide board "Marengo 6 miles, Chesterville 3.5 miles, Cardington 7.5 miles" (on Marengo quad.).....	40 28 29.7	82 45 26.0	3,571

Near east border of quadrangle north along highways

Prim. Trav. Sta. No. 38 at Homer.....	**40 15 09.60**	**82 31 20.62**	.....
Homer, 1 mi. n. by 0.25 mi. e. of; center of +roads, Knox-Licking Co. line, 8 feet west to stone....	40 16 00.1	82 31 01.8	5,316
Homer, 2 mis. n. & 0.25 mi. e. of; cen. of T road w.	40 16 48.5	82 30 55.0	4,920
Brandon, 1.5 mis. south of; center of T road west	40 17 21.1	82 30 50.4	3,320
Brandon, center of crossroads.....	40 18 44.9	82 30 36.8	8,549
Brandon, 1 mi. north of; center of T road west..	40 19 32.3	82 30 28.8	4,836
Miller-Clinton township line, center of n.-s. road	40 20 19.7	82 30 24.6	4,807
Forks of road (on Gambier quad.)....	40 21 10.6	82 29 45.3	5,981

Near southeast corner of quadrangle along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Homer, 1.66 mis. w. of, T rd. s., 42 ft. s. e. to cross on corner fence post, 40 ft. s. w. to hickory tree	40 15 25.5	82 33 17.2
Otter Creek east, center of covered bridge over.....	40 15 11.0	82 32 20.4
Homer, in n. w. part of public-school grounds, n. w. cor. of schoolhouse foundation bears S. 3° 45′ W., distant 78 ft.; iron pump bears S. 70° W., distant 11.3 ft.; iron post stamped "**Prim. Trav. Sta. No. 38, 1905**".....	**40 15 09.60**	**82 31 20.62**

Fremont Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 6 N., R. 14 E., cor. of secs. 15, 16, 21, & 22; rd. e.-w...	41 28 21.1	83 14 27.6
Road east-west.....	41 27 54.9	83 14 27.2

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Road east	41 26 37.0	83 14 25.7
Lake Shore Ry. *Azimuth 314° 41′ 20″*	41 25 58.1	83 14 25.0
T. 5 N., R. 14 E., cor. of secs. 3, 4, 9, and 10; rd. e	41 24 49.5	83 14 25.6
Hessville, crossing of electric railway in s. e. part	41 24 03.5	83 14 31.8
Road east-west	41 22 13.4	83 13 23.0
T. 5 N., R. 14 E., cor. of secs. 26, 27, 34, and 35; T rd. w.	41 21 21.2	83 13 24.9
Tps. 4 & 5 N., R. 14 E., cor. of secs. 2, 3, 34, and 35	41 20 29.1	83 13 27.1
Corner of secs. 2, 3, 10, and 11; rd. e.-w.	41 19 33.0	83 13 31.9
Road east-west	41 16 55.3	83 14 06.8
Lake Erie and Western Ry. *Azimuth 48° 50′*	41 16 37.3	83 14 06.5
Roads north, south, east, and west	41 16 02.6	83 14 06.0
Near south border of quadrangle east along highways		
Road southwest	41 16 05.6	83 12 21.0
Road northeast	41 16 17.2	83 12 07.8
T road west	41 15 43.4	83 11 15.6
Road north-south	41 15 45.1	83 10 04.0
T. 4 N., R. 15 E., center of sec. 33	41 15 47.7	83 08 25.6
T. 4 N., R. 15 E., quarter cor. between secs. 33 and 34	41 15 48.7	83 07 51.7
Tps. 3 and 4 N., R. 15 E., cor. of secs. 3, 4, 33, and 34	41 15 22.1	83 07 53.1
Tps. 3 and 4 N., R. 15 E., cor. of secs. 2, 3, 34, and 35; rd. n.	41 15 22.9	83 06 43.5
Tps. 3 and 4 N., R. 15 E., cor. of secs. 1, 2, 35, and 36; rd. n.-s.	41 15 23.5	83 05 30.6
Tps. 3 and 4 N., Rs. 15 and 16 E., corner of secs. 1, 6, 31, and 36; road north	41 15 23 7	83 04 21.1
Tps. 3 and 4 N., R. 16 E., cor. of secs. 5, 6, 31, and 32	41 15 23.3	83 03 14.8
Green Spring, crossing on main street	41 15 23.2	83 03 06.6
C. C. C. & St. L. Ry. crossing. *Azimuth 227° 28′*	41 15 22.8	83 02 51.7
Tps. 3 and 4 N., R. 16 E., cor. of secs. 3, 4, 33, and 34	41 15 20.2	83 00 48.3
N. Y., C. & St. L. Ry. crossing	41 15 20.1	83 00 46.0

Ft. Recovery (see **Portland**) **Quadrangle**

Gambier (Mt. Vernon) **Quadrangle**

Near west border of quadrangle north along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Brandon 3 mis. n. and 0.8 mi. e. of; cen. of forks, 35 ft. w. to corner fence post	40 21 10.6	82 29 45.3	.....
Mt. Vernon, +ing of Main and Gambier Sts	40 23 30.8	82 29 09.5	14,458
Mt. Vernon, cen. of soldiers' monument in park	40 23 37.6	82 29 08.8	690
Mt. Vernon, in n. part of; cen. of Mansfield Ave. and Belmont Avenue west	40 24 24.2	82 29 14.6	4,742
Clinton schoolhouse, n. of; cen. of T rd. e	40 25 10.3	82 29 19.8	4,679

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Mt. Vernon, 3 mis. n. of; cen. of tri. at forks...	40 26 09.3	82 29 09.5	6,017
Mt. Vernon, 4 mis. n. of; cen. of +ing of Mansfield road and east-west road.....	40 26 58.1	82 29 14.9	4,959
Mt. Vernon, 5.7 mis. n. of cen. of; T road e.....	40 28 25.1	82 29 01.8	8,861
Berlin-Morris tp. line; cen. of T rd. e. 20 ft. e. to cen. of small bridge.....	40 29 15.3	82 29 00.1	5,079
Fredericktown, 3 mis. n. e. of; cen. of crossing of Fredericktown-Amity rd. and n. w.-s. e. rd. at Mrs. M. Barton's residence.....	40 29 44.8	82 29 23.0	3,476

Through center of quadrangle west along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Millwood, 1 mile s. and 0.25 mi. e. of, 10 ft. n. e. to white oak; forks of road to s. and s. e.....	40 22 58.4	82 16 00.0	.....
Center of T rd. e., 20 ft. s. to w. end of sliding gate	40 22 56.4	82 16 55.3	4,286
Howard, 1.5 mis. s. and 1 mi. e. of; cen. of +roads	40 22 53.9	82 18 38.8	8,015
Howard, 1.5 miles s. of; center of T road south..	40 22 45.1	82 19 34.2	4,384
Indianfield Run, just e. of; center of T road n...	40 22 26.8	82 20 32.7	4,889
Gambier, 2 mis. e. of, in n. e. cor. of Zion schoolhouse yard, 25 ft. s. and 20 feet w. to n. e. cor. of schoolhouse; iron post stamped **"Prim. Trav. Sta. No. 69. Ohio. 1910"**.....	**40 22 31.0**	**82 21 11.7**	**3,049**
Township line, 5 ft. e. to center of T road north	40 22 33.4	82 22 17.5	5,104
Gambier, cen. of junc. of Chase Ave. & Wiggins St., 10 ft. s. and 5 ft. e. to old well curbing...	40 22 34.0	82 23 50.6	7,206
Gambier, 0.8 mile west of; forks of road, 20 ft. w. and 10 feet n. to white oak tree	40 22 48.5	82 24 50.0	4,832
Gambier, 2.5 miles w. and 0.8 mi. n. of center of T road n., 15 ft. n. to granite bowlder	40 23 10.0	82 26 45.2	9,176
Gambier, 3.5 mis. w. & 1 mi. n. of; cen. of +roads	40 23 17.9	82 27 51.4	5,181
Mount Vernon, center of Gambier road at east corporation line	40 23 19.2	82 28 04.4	1,023

Near north border of quadrangle east along highways

Fredericktown, 3.5 miles east and 1.5 miles north of; center of T road north.....	40 29 55.6	82 28 20.2	.....
T. 8 N., R. 12 W., west side of; center of T road north on range line.....	40 29 55.5	82 27 35.9	3,423
Amity, 3.7 mis. w. and 1.8 mis. n. of; cen. of +roads	40 29 42.1	82 25 37.3	9,265
T. 8 N., R. 12 W., cor. of secs. 13, 14, 17, and 18.	40 29 41.3	82 25 22.9	1,118
T. 8 N., R. 12 W., stone at cor. of secs. 12, 13, 18, and 19, at six points, 25 feet w. and 25 feet s. to guidepost.....	40 29 37.4	82 24 13.2	5,400
T. 8 N., R. 12 W., cor. of secs. 11, 12, 19, and 20.	40 29 33.4	82 22 59.0	5,749
Amity, 1.5 mis. n. of, near s. w. cor. of T road s., 15 ft. n., and 35 feet e. to quarter cor. between secs. 11 & 20, T. 8 N., R. 12 W., at T rd. s.; iron post stpd. **"Prim. Trav. Sta. No. 84. Ohio. 1910"**	**40 29 31.7**	**82 22 24.7**	**2,651**

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Amity 1.5 mis. n. e. of; cen. of Loudonville-Mount Vernon road at T road northwest	40 29 19.5	82 21 15.9	5,462
Danville, 2.5 mis. n. and 1 mi. w. of; cen. of forks	40 29 20.1	82 16 59.0	.....
White schoolhouse, just n. of; T road west	40 29 18.8	82 15 47.4	5,540

Near Danville along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
White school, just n. of; T road w., 20 ft. s. w. to center of triangle, 10 feet east to telephone pole	40 29 18.8	82 15 47.4
Center of triangle at forks, 20 ft. w. to telegraph pole, 30 feet north to telephone pole	40 28 22.9	82 16 24.2
Danville, cen. of main e.-w. and n.-s. streets, 70 ft. s. e. to cor. of brick store, 75 ft. s. w. to corner of frame store.	40 27 05.4	82 15 37.8
Danville station, Main Street crossing on C. A. & C. Ry.	40 26 42.4	82 15 39.2

Garrettsville Quadrangle

Mantua to Claridon triangulation station along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Mantua station, Erie R. R. crossing near	41 16 52.8	81 13 27.8
Mantua postoffice, road intersection at	41 18 37.3	81 13 18.2
Julia postoffice, on Portage-Geauga county line	41 20 50.8	81 13 26.3
Auburn, road intersection at store	41 23 14.0	81 12 59.2
South Newbury postoffice, 2,000 feet s. of, one-half mi. s. of creamery; electric railroad crossing	41 25 58.4	81 12 31.9
Burton, 2¾ miles southeast of; four corners	41 26 59.7	81 10 52.4
Burton, street intersection on north side of park	41 28 21.3	81 08 42.9
Burton, about 1⅝ miles north of; four corners	41 29 49.3	81 08 42.8
Claridon △ sta. of U. S. Lake Survey (on Chardon quad.)	41 30 39.38	81 07 05.33

Near north border of quadrangle along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Newbury township; four cors. 50 ft. n. e. to small apple tree, 30 feet southwest to telephone pole.	41 29 41.2	81 13 02.3
North Newbury; four cors. 60 ft. n. w. to s. e. cor. of house, 50 feet southeast to telephone pole	41 29 42.9	81 11 37.2
Aldermon's mill; four corners, 20 feet north to mail box, 25 feet south to telephone pole	41 29 51.6	81 09 50.1
Three corners, road n. 20 feet s. to telephone pole.	41 29 49.8	81 07 37.2
Three corners, T road west	41 28 44.9	81 00 11.9
Four corners, center road of Middlefield township	41 27 31.3	81 00 12.4

Mantua to Phalanx via Erie Ry.

Mantua, road crossing n.-s. on Erie Ry.	41 16 52.8	81 13 28.8

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	° ′ ″	° ′ ″
Mantua, 0.33 mi. e. of, in s. w. part of grounds of Standard Oil Co. pumping station, s. w. cor. of foundation to boiler building bears N. 41° 50′ E., distant 135 feet, nail in sugar maple tree bears N. 61° W., distant 35.7 ft., and is 2 ft. n. of E. Ry. fence; iron post stamped "**Prim. Trav. Sta. No. 29**"	**41 16 59.7**	**81 13 00.9**
Mantua, road crossing 1.75 miles east of	41 16 50.6	81 11 32.4
T. 5 N., R. 7 W., quarter corner between secs. 41 and 50	41 16 51.7	81 10 58.5
Overhead road crossing near mile post 34	41 16 34.8	81 09 44.0
Hiram sta., rd. crossing	41 16 37.4	81 08 42.9
Overhead rd. crossing north-south	41 16 45.1	81 07 57.9
Garrettsville, in south part of H. J. Langton's yard, s. w. cor. of foundation to Langton's residence bears N. 30° 45′ W., distant 129 ft., nail in cross mark on west face of cherry tree bears S. 49° 30′ E., distant 6.2 ft.; iron post stamped "**Prim. Trav. Sta. No. 30**"	**41 16 53.4**	**81 05 54.2**
Road crossing e.-w. about 800 ft. e. of milepost 38	41 16 48.2	81 05 16.6
Road crossing e.-w. 0.50 mile s. e. of milepost 39	41 16 46.4	81 04 02.3
Mahoning, road crossing	41 15 42.9	81 02 57.7
Milepost 42, private road crossing 130 feet east of	41 15 29.6	81 01 39.4
County line, north-south road crossing	41 15 21.5	81 00 10.8
Near east border of quadrangle		
Bundysburg, large flag pole at road intersection	41 25 17.9	81 00 17.4

Garrison Quadrangle

Portsmouth to Scioto triangulation station of the U. S. C. & G. Survey along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Bertha, just s. of T road n. w. 12 ft. n. to cross on post, 20 feet east to cross on telephone pole	38 44 51.5	83 01 50.0
Portsmouth southwest to McGaw along highways		
Portsmouth, w. part of town; s. end of highway brdg. over Scioto River	38 43 53.4	83 00 40.2
Scioto Co. infirmary, 0.2 mi. n. e. of; cen. of forks of pike	38 43 26.9	83 02 38.6
Schoolhouse, north of; center of T road	38 42 41.7	83 03 47.9
Dennis, west of; center of crossroads	38 42 25.2	83 04 37.3
Friendship, center of T road northwest	38 41 50.2	83 05 56.1
Old schoolhouse, center of pike at road north	38 41 28.9	83 06 20.6
Pondrun, at s. w. cor. of T road n. w., 40 ft. e. to center of T road; iron post stamped "**Prim. Trav. Sta. No. 8. Ohio, 1910**"	**38 39 40.1**	**83 07 41.4**
C. N. Odler's residence, 25 ft. e. of center of bridge, pike at road northwest	38 37 19.2	83 11 06.2
Private T road south center of	38 37 37.4	83 12 05.4

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McGaw, center of + roads at, 110 feet east to center of covered bridge	38 38 15.3	83 13 30.1

Georgetown (Higginsport) Quadrangle

Point near Russellville north to Prim. Trav. Sta. No. 86 along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Baird schoolhouse, 1.3 miles n. and 0.5 mile w. of; at turn of private road south	38 53 20.1	83 45 00.7
Ash Ridge postoffice, center of crossroads	38 54 28.8	83 45 32.1
Ash Ridge, 1 mile n. of; small village of Carlisle, on rise of ground clear of trees nearly n. w. from church, on turnpike to Carlisle. Station mark, a glass bottle filled with cement, 3 ft. below surface of ground. Surface mark, a 6-in. tile pipe 2 feet long, filled with hydraulic-cement concrete. Ref. marks, stone mon. with + cut in top, in n.-s. fence line, 297.6 ft. from triangulation sta., *azimuth to stone, 271° 17′ 48″*; stone monument with + cut in top on e.-w. fence line, 347.3 ft. from triangulation sta., *azimuth to stone 1° 12′ 13″* (Ash Ridge triangulation station, Coast and Geodetic Survey)	38 55 13.43	83 45 22.09
Ash Ridge, 1.7 mis. n. of postoffice, 15 ft. e. of J. Knutz's mail box; center of T road east	38 55 55.7	83 45 23.9
Schoolhouse No. 5, s. end of small brdg.; center of + roads	38 56 39.5	83 45 06.0
Milepost 51, N. & W. Ry., at north-south road crossing	38 58 40.5	83 45 06.9
Coddaman Church and schoolhouse, 0.8 mi. s. and 0.2 mile east of; center of T road south	38 59 32.8	83 45 19.3
Baird schoolhouse to Russellville along highways		
Russellville, 1.7 miles e. of, 15 ft. n. to sycamore tree; pike at road south	38 51 54.8	83 45 23.4
Russellville, 0.8 mile east of; center of T pike south	38 52 00.5	83 46 23.6
Russellville, center of + of Main and Columbus Streets	38 52 00.6	83 47 14.2
Russellville to Georgetown via electric railroad		
Pike crossing at spur	38 52 19.2	83 50 06.1
Georgetown, 2.5 mis. e. of, 25 ft. n. and 10 ft. e. to center of T road s. w., corner of T road w., at w. end of electric railroad bridge over Straight Creek; iron post stamped **"Prim. Trav. Sta. No. 23. Ohio, 1910"**	**38 52 05.5**	**83 50 53.8**
Crossing of electric ry. and Ohio River & Columbus Ry.	38 52 14.4	83 53 32.3
Georgetown, junction of Main and Ohio Streets	38 52 17.2	83 54 13.5
Georgetown, dome of courthouse	38 51 56.33	83 54 14.77
Georgetown to Feesburg, west along highways		
Georgetown, 1 mi. w. of; center of triangle in forks	38 51 51.1	83 55 16.4
Georgetown, 0.5 mile n. and 1.5 miles w. of; east point of triangle at forks	38 52 23.2	83 55 55.0

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Eden Church, forks of rd. at, 25 ft. n. to junc. of fences...	38 52 08.1	83 57 32.2
Martin schoolhouse No. 6, center of T road northwest...	38 52 17.8	83 58 26.0
Feesburg, 1 mile s. e. of; center of T road northeast.....	38 52 02.5	83 59 08.8
Feesburg, center of crossroads.....	38 52 42.2	83 59 55.9

Feesburg to New Harmony along highways

William Baird's farm, center of T road north	38 54 51.2	83 59 58.6
Locust Ridge, 1 mi. s. and 0.5 mi. e. of; center of crossing of n.-s. pike and road east-west	38 58 43.5	83 59 50.4

Mount Ayr schoolhouse to Russellville along highways

	° ′ ″	° ′ ″
Mount Ayr schoolhouse, s. w. cor. of yd., 15 ft. w. and 25 ft. s. of center of T road n.; iron post stamped **"Prim. Trav. Sta. No. 31. Ohio, 1910"**	**38 46 56.7**	**83 45 50.5**
Mount Ayr schoolhouse, 1 mi. n. of center of T road w...	38 47 44.5	83 46 00.0
Mount Ayr schoolhouse, 2 mis. n. of; center of crossing of Decatur pike and north-south road.....	38 48 43.8	83 45 49.9
C. W. Brown's mail box, center of T road west.....	38 49 36.6	83 45 50.5
Russellville, 2 miles s. and 1.5 miles e. of, just e. of J. M. Moore's residence, 15 ft. n. and 20 ft. e. of center of + rds; iron post stpd. **"Prim. Trav. Sta. No. 32. Ohio, 1910"**	**38 50 21.9**	**83 45 31.2**
Corner of Byrd and Jefferson townships, e. end of gate..	38 50 26.8	83 46 05.9
Russellville, 1 mi. s. of; cen. of + of n.-s. pike and e.-w. rd.	38 50 58.4	83 47 13.5

Near north border of quadrangle along highways

Eagle-Washington township line.....	38 59 32.1	83 46 32.9
Sardinia, 2 miles southeast of.....	38 59 20.8	83 46 12.9

Higginsport east through Ripley to Mount Ayr schoolhouse along highways

Higginsport, 0.7 mi. w. of; center of bridge.....	38 47 17.1	83 58 49.4
Higginsport; cen. of cross sts. at Christian Church.....	38 47 24.1	83 58 03.8
Brdg. over Whiteoak Ck., cen. of tri. in forks of pk. just e. of	38 47 36.7	83 57 11.8
Sink Creek, center of pike at road north.....	38 47 13.7	83 55 58.1
Cohalls Branch, 20 ft. w. by 5 ft. s. to n. corner of bridge over; center of pike at road north	38 47 09.4	83 54 40.6
Milepost 5, 0.2 mi. s. of; pike + ing O. Riv. & Col. Ry...	38 46 35.0	83 54 49.6
Levanna, 0.3 mis. w. of; T road north	38 46 01.7	83 53 24.7
Levanna, 20 ft. e. by 5 ft. n. to cen. of +roads, at s. w. cor. of +roads; iron post stpd. **"Prim. Trav. Sta. No. 30. Ohio, 1910"**	**38 45 59.1**	**83 53 01.9**
Cormick Run, cen. of trestle of O. Riv. & Col. Ry., over	38 45 17.2	83 51 15.5
Ripley, 1 mi. e. by 0.5 mi. n. of; center of covered bridge over Redoak Creek.....	38 45 15.2	83 49 38.9
Ripley, 1.8 mis. e. by 0.5 mi. n. of, on Ripley-Neal pike at road n. e., 15 ft. e. to cen. of small bridge	38 45 12.5	83 48 46.4
John Greiner's farm, on top of hill; center of T pike	38 45 03.2	83 48 02.0

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Fred Swalie's res., Chicken Hollow rd. at T pike s.....	38 46 03.3	83 47 57.2
Beasley's farm, Chicken Hollow rd. at rd. n.....	38 46 34.8	83 47 08.2
J. H. Self's mail box, forks of road at.....	38 46 27.2	83 46 26.6

Granville Quadrangle

Near west border of quadrangle north along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Road east-west.....	40 02 33.8	82 44 51.9
Road east-west.....	40 03 07.4	82 44 51.1
Road north near Clem Blamer's house.....	40 10 14.4	82 44 18.6
Road northwest-southeast.....	40 10 45.2	82 44 16.2
Road east-west.....	40 12 27.1	82 44 24.4
William Feasels, crossroads.....	40 13 56.8	82 44 17.7

Near north border of quadrangle east along highways

Croton, 2.5 mis. w. and 0.5 mi. s. of, at +roads at William Farel's res., in s. e. cor. of James Wilson's farm, nail in e. face of cherry tree bears S. 89° W., dist. 20 ft.; iron post stamped "**Prim. Trav. Sta. No. 40, 1905**"..	**40 13 57.1**	**82 44 18.0**
Croton, 1.25 mis. w. of; T road e., 36 ft. s. e. to + on fence post, 27 ft. northeast of Green's mail box	40 14 21.5	82 42 49.5
Croton, Delanon Street crossing on railroad.....	40 14 20.7	82 41 20.1
Croton, 1 mi. e. of, T road n., 13 ft. due s. to + board at west end of wire fence	40 14 27.9	82 39 52.4
Bennington tp. house, 1.66 mis. w. of; +roads 300 ft. s. of schoolhouse, 21 ft. n. e. to B. E. Nash's mail box, 36 ft. southeast to cross on corner fence post.....	40 14 22.5	82 38 26.4
Lock, 2 mis. s. of, Bennington tp. house, at n. w. cor. of, nail in w. oak tree bears S. 60° 45′ W., dist. 19.8 ft.; n. w. cor. foundation of house bears S. 80° 30′ E., dist. 3.5 ft.; iron post stamped "**Prim. Trav. Sta. No. 39, 1905**".	**40 14 22.8**	**82 36 22.1**
Bennington tp. house, 1 mi. e. of; cov. bridge over Otter Creek north, center of.....	40 14 40.5	82 35 14.3
Crossroads, 1,500 ft. e. of, Otter Ck. e.; cen. of iron bdg. over	40 14 48.8	82 34 16.3

Near east border of quadrangle (near Granville) north along highways

Granville, 1 mi. s. of; T road to w. at schoolhouse, 19 ft. n. e. to + on cor. of fence, 7 ft. s. to end of culvert....	40 02 53.3	82 31 25.2
Granville station, n.-s. st. +ing on T. & O. C. Ry	40 03 51.7	82 31 14.8
Granville station, 0.75 mi. n. of; T road w., 35 ft. n. w. to n. end of culvert, 46 ft. s. to cross on telegraph pole...	40 04 39.1	82 31 18.2
Schoolhouse No. 8, T road e., 0.5 mi. n. of, 30 feet s. e. to cor. of garden fence, 28 ft. n. e. to + on telegraph pole	40 06 34.7	82 31 08.0
Brushy Creek, south end of iron bridge over.....	40 07 24.5	82 31 04.5

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	° ′ ″	° ′ ″
Fredonia, in west part of schoolhouse yard, n. w. cor. of, foundation of schoolhouse bears S. 72° 30′ E., distant 122.6 ft.; s. e. foundation to Willard's store bears N. 46° 30′ W., distant 94.5 ft.; iron post stamped **"Prim. Trav. Sta. No. 37, 1905"**	**40 09 08.6**	**82 31 12.5**
Highwater, +roads, 63 ft. s. to n. w. cor. of store porch, 31 feet southwest to guidepost	40 10 34.4	82 31 10.7
Highwater, 1 mi. n. of; crossroads, 27 ft. n. to + on cor. of board fence, 60 feet north to J. F. Riley's mail box	40 11 22.3	82 31 05.2
Union schoolhouse, 0.5 mi. s. of; T road w., 16 ft. due west to W. F. Wagoner's mail box	40 12 42.3	82 31 10.8
Union schoolhouse, 0.5 mi. n. of; crossroads, post	40 13 37.4	82 31 13.6
Near Union along Baltimore & Ohio Ry.		
Milepost 24, private road crossing, south track	40 00 08.3	82 33 26.6
Union station, 1.5 mis. w. of, east-west road crossing	40 00 34.9	82 32 26.1
Union station, 0.75 mi. w. of, crossroads, in s. e. corner of Ira Shoman's field, cross cut on stone abutment to bridge bears S. 9° 15′ E., distant 47.6 ft.; iron post stamped **"Prim. Trav. Sta. No. 36. 1905"**	**40 01 15.6**	**82 31 29.2**
Union station, 0.5 mi. east of; n.-s. gravel road crossing	40 01 22.8	82 30 22.5

Greenfield Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Brick schoolhouse, district No. 10, crossroads	39 28 53.5	83 15 45.9
Plano postoffice	39 29 27.2	83 17 07.2
Fairview, road +ing on C. H. & D. Ry. *Azimuth 282° 58′*	39 28 48.5	83 18 15.6
Fairview Church, road north	39 28 42.1	83 19 19.8
Road north-south	39 28 49.6	83 20 14.1
East through center of quadrangle along highways and railroad		
East Monroe, just west of station, crossing of Hillsboro pike and Baltimore & Ohio Southwestern Ry	39 21 27.6	83 29 57.7
T road southeast	39 23 04.2	83 29 14.4
New Martinsburg, center of cross pikes at new store, 30 ft. south and 15 ft. east to town pump	39 23 49.0	83 27 50.0
New Martinsburg, 0.8 mi. e. of; +ing of pike and n.-s. rd.	39 23 47.1	83 26 50.1
New Martinsburg, 2 mis. e. of; intersect. of pk. with n.-s. rd.	39 23 07.1	83 25 56.6
Greenfield, 3 mis. n. w. of; intersect. of pike with n.-s. rd.	39 22 34.4	83 25 07.9
Greenfield, 1.8 mis. n. w. of; intersection of pike with T rd. south, 0.2 mile west of brick schoolhouse	39 22 06.6	83 24 05.3
Greenfield, intersect. of N. Washington and E. Fayette Sts.	39 21 10.4	83 23 00.2
Greenfield, 0.5 mi. e. of, at n. e. corner of crossroads; iron post stamped **"Prim. Trav. Sta. No. 67. Ohio, 1909"**	**39 21 11.7**	**83 22 20.0**

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Greenfield, 2 miles east of; intersection of Greenfield-Chillicothe pike with T road south	39 21 12.9	83 20 40.4
Lyndon, at station, +ing of B. & O. S. W. Ry. and pike	39 21 13.4	83 18 42.1
Lyndon, near, center of steel bridge	39 21 14.6	83 17 47.0
Harpers, about 0.5 mi. s. of station, at Parrott Schoolhouse, in s. w. cor. of T road s.; iron post stamped "**Prim. Trav. Sta. No. 68. Ohio. 1909**"	**39 21 21.7**	**83 16 06.8**
Near east border of quadrangle north along highways		
Harpers, at station, +ing of road and B. & O. S. W. Ry.	39 21 54.7	83 15 41.8
T road west, center of	39 23 32.2	83 15 42.3
Allison Hires's mail box, intersection of Greenfield-Austin pike with pike southeast	39 25 09.2	83 16 09.1
Schoolhouse No. 9, intersection of Greenfield-Austin pike with lane south	39 25 32.6	83 15 04.0
Plano, about 1.2 mis. s. e. of, at schoolhouse No. 10; +roads	39 28 53.5	83 15 45.9
Plano, about 1.2 mis. s. e. of, at n. cor. of schoolhouse grounds; iron post stamped "**Prim. Trav. Sta. No. 69. Ohio. 1909**"	**39 28 53.4**	**83 15 46.1**
Near east border of quadrangle south along highways		
Harpers, 1.8 mis. s. of station, s. of James H. Fuller's mail box; T road north	39 20 22.0	83 15 48.6
Schoolhouse No. 3, road opposite	39 19 53.7	83 16 15.5
Five mail boxes, T road s. w., 20 ft. s. and 20 feet w. to Allen Edgington's mail box	39 18 56.8	83 15 21.6
Crossroads at unpainted frame house, 10 feet e. to center of box culvert	39 18 07.7	83 16 27.2
Cyrus Stork's res., 900 feet e. of, on Fruitdale-Bourneville pike at intersection of T road southwest	39 17 25.0	83 16 48.4
Schoolhouse, 0.5 mile south of; crossroads	39 16 15.8	83 16 45.5
Fork of road north, east of railroad bridge	39 15 01.9	83 17 04.3
Humbold, about 1 mi. s. e. of, on Bainbridge-Humbold rd., at intersection of T rd. s. w. near G. W. Chapin's mail box	39 15 55.0	83 18 27.7

Greenup (Portsmouth) **Quadrangle**

Franklin Furnace north to Wheelersburg via Norfolk & Western Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Franklin Furnace, in n. e. cor. of Methodist Church yard, cross on n. w. cor. to foundation to church bears S. 24° 25′ E., dis. 26.4 ft.; cross on n. w. cor. to foundation to public school building bears S. 85° 10′ E., distant 130.4 ft.; iron bench-mark post set 40 inches in ground, stpd. "**Prim. Trav. Sta. No. 25**"	**38 38 42.2**	**82 50 56.0**
Milepost 113, private road crossing 900 feet south of	38 39 48.8	82 51 20.7
Milepost 112, private road crossing 935 feet south of	38 40 39.8	83 51 34.0
Milepost 111, road crossing east-west 1,400 ft. south of	38 41 26.4	82 51 46.2
Wheelersburg, private rd. +ing at old log house 2 mis. s. of	38 42 14.7	82 51 52.8

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Wheelersburg, road crossing east-west 135 ft. s. of station	38 43 44.4	82 51 46.2
Wheelersburg, private road crossing e.-w. just s. of sign-board "1 mi. to water," 1 mile north of	38 44 31.6	82 52 09.8
Railroad bridge over Little Scioto River, private road just south of (on Sciotoville quad.)	38 45 13.4	82 52 52.7

In northeast part of quadrangle southwest along highways

	° ′ ″	° ′ ″
T road s. w., 30 ft. w. to J. Herchman's mail box, 24 ft. s. to cross on rail fence	38 44 30.9	82 45 47.0
Cadot farm, intersection of Lyra-Wheelersburg pike and road s. e. to Powellsville, near summit of hill; 36 ft. n. e. to cross on fence post; 36 ft. s. e. to cross on fence post	38 42 59.9	82 45 21.3
J. M. Morgan's residence, intersection of roads just e. of, 18 feet south to cross on picket fence	38 42 38.1	82 45 22.6
T. 3 N., R. 19 W., stone in road in s. e part of sec. 28	38 41 42.2	82 45 52.1
George Knapp's res., intersection of roads at, 18 feet n. e. to Knapp's mail box, 40 ft. s. w. to + on lrge. willow tree	38 40 51.5	82 45 27.3
Powellsville, about 1 mile n. e. of, in orchard owned by Lewis Knapp, n. cor. of foundation to Knapp's res. bears S. 32° 15′ W., distant 164.5 ft.; nail in cross cut in 8-inch black oak tree bears N. 86° 30″ E., distant 85.2 ft.; iron bench-mark post stamped **"Prim. Trav. Sta. No. 24"**	**38 40 30.4**	**82 46 05.9**
Powellsville, crossroads at, 24 ft. s. e. to Rase Bros.' mail box, 50 ft. s. w. to n. e. corner of Rase Bros.' store	38 40 00.3	82 47 01.1
Covered bridge over Pine Creek, intersection of roads 200 ft. s. e. of, 18 ft. n. to cross on post	38 39 10.0	82 48 08.0
H. Stacker's farm, T rd. n. w. at, 30 ft. e. to cross on beech tree, 32 ft. w. to cross on corner fence post	38 38 07.6	82 49 02.1
Franklin Furnace, T rd. w. on top of hill, 1.5 mis. e. of, 27 ft. n. to + on blk. oak sapling, 40 ft. w. to + on stump	38 38 34.0	82 49 17.4

Near Portsmouth west along Norfolk & Western Ry.

New Boston, rd. +ing just w. of Burgess steel plant, s. trk.	38 44 50.7	82 56 08.6
Norfolk & Western Ry. shops, rd. crossing n.-s., s. track	38 44 28.6	82 57 25.5
Portsmouth, Gallia Street crossing, south track	38 44 15.4	82 58 35.4
Portsmouth, n. e. cor. of Tracy Park, n. w. corner of brick foundation to res. on s. e. cor. of Tenth and Findlay Sts. bears S. 80° 15′ E., distant 101.1 ft.; n. e. cor. to foundation of Tracy monument bears S. 63° 30′ W., dis. 261.9 ft.; iron post stamped **"Prim. Trav. Sta. No. 27"**	**38 44 17.1**	**82 59 40.3**
Chillicothe-Portsmouth pike crossing	38 44 44.5	82 59 32.6

Near Franklin Furnace south along highways

Pike crossing on Norfolk & Western Ry.	38 38 13.3	82 50 51.1
Franklin Furnace, 1 mile south of; T road west	38 37 36.2	82 50 42.0
Haverhill, 1.5 miles n. of, on w. side of pike, in J. Oaks & Son's Tile Co.'s. grounds, 50 ft. n. of entrance to grounds; iron post stamped. **"Prim. Trav. Sta. No. 5. Ohio, 1910"**	**38 36 19.6**	**82 50 32.9**
T pike southwest at schoolhouse	38 35 05.0	82 49 58.0

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Haverhill, 1.5 mis. s. e. of, on n. side of pike; Scioto-Lawrence county line monument	38 34 23.6	82 48 32.0
T road north	38 34 10.1	82 47 32.8
Hanging Rock, pk. +ing on N. & W. Ry. at n. end of siding	38 33 51.8	82 45 21.8
Hanging Rock, near n. end of siding, in top of s. end of stone cul., 350 ft. e. of pike +ing on N. & W. Ry.; aluminum tablet stamped "**Prim. Trav. Sta. No. 4. Ohio, 1910**"	**38 33 50.3**	**82 45 15.8**

Greenville Quadrangle

In south part of quadrangle north along Dayton & Union R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Iron bridge, east-west road crossing	40 00 19.2	84 33 54.6
Mileposts 28 and 29, road crossing between	40 01 00.3	84 34 25.2
Delisle, road crossing	40 01 10.9	84 34 33.0
Jaysville, east-west road crossing	40 02 55.4	84 35 50.0
Mileposts 32 and 33, road crossing between	40 03 47.9	84 36 29.0
Mileposts 34 and 35, road crossing between	40 05 16.7	84 37 33.3
Greenville to Ansonia via Cincinnati Northern R. R.		
Greenville, crossing of D. & U. and Pennsylvania Rys.	40 05 43.5	84 37 38.2
Greenville, crossing north of D. & U. Ry. station	40 05 58.8	84 37 40.0
Greenville, crossing of Dayton & Union R. R.	40 06 30.1	84 38 23.3
Road crossing northwest-southeast	40 07 19.6	84 38 47.6
Road crossing east-west	40 08 10.2	84 38 47.8
Road crossing east-west	40 09 02.8	84 38 48.0
Church, road crossing 500 feet west of	40 09 55.6	84 38 47.9
Meekers, crossing of Penn. and D. & U. railroads	40 10 16.6	84 38 47.9
House, east-west road crossing 200 feet southeast of	40 11 35.1	84 38 37.0
Road crossing east-west	40 12 27.9	84 38 24.9
Ansonia, crossing of C. C. C. & St. L. and D. & U. Rys.	40 12 43.4	84 38 24.9
Road crossing east-west	40 13 31.4	84 38 35.2
Near east border of quadrangle north along highways		
Oakland Church, 1 mile north of; T road east	40 09 57.4	84 30 03.9
Webster crossroads; 1 mile west of	40 10 53.0	84 30 04.8
T. 11 N., R. 3 E., quarter cor. between secs. 25 and 36	40 11 45.5	84 30 10.2
T. 11 N., R. 3 E., quarter cor. between secs. 24 and 25	40 12 38.0	84 30 11.2
T. 11 N., R. 3 E., cor. of secs. 23, 24, 25, and 26; 4,000 ft. n. of point, C. C. C. & St. L. Ry. *Azimuth, 84° 37′*	40 12 37.2	84 30 46.0
T. 11 N., R. 3 E., corner of secs. 13, 14, 23, and 24	40 13 29.8	84 30 47.4
Versailles, 2 miles n. w. of; crossing of Versailles-Brock pike and north-south road	40 14 26.4	84 30 48.6

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Frenchtown, 0.5 mile east of; crossroads	40 14 48.5	84 30 49.2
Frenchtown, 0.5 mile west of; T road south	40 14 47.1	84 32 15.9
Frenchtown, 2 miles west of; crossroads	40 14 45.3	84 34 00.6
T. 11 N., R. 3 E., center of sec. 12	40 14 49.5	84 30 14.2
Near north border of quadrangle west along highways		
T. 13 N., R. 2 E., quarter corner between secs. 8 and 9	40 14 36.3	84 40 17.5
T. 13 N., R. 2 E., quar. cor. between secs. 7 & 8; + rds. near	40 14 36.7	84 41 36.3
T. 13 N., Rs. 1 and 2 E., quar. corner between secs. 7 & 12	40 14 37.1	84 42 32.5
T. 13 N., R. 1 E., quarter corner between secs. 11 and 12.	40 14 40.6	84 43 40.7
T. 13 N., R. 1 E., quarter corner between secs. 10 and 11.	40 14 40.7	84 44 48.1
Near west border of quadrangle south along highways		
T. 13 N., R. 1 E., corner of secs. 11, 12, 13, and 14	40 14 14.3	84 43 40.4
T. 13 N., R. 1 E., corner of secs. 13, 14, 23, and 24	40 13 21.8	84 43 39.9
T. 13 N., R. 1 E., corner of secs. 23, 24, 25, & 26; 900 ft. s. of point, C. C. C. & St. L. Ry. *Azimuth, 84° 29'*	40 12 29.3	84 43 39.2
T. 13 N., R., 1 E., cor. of secs. 25, 26, 35, and 36; one-half mile s. of point, Pennsylvania Ry. *Azimuth, 103° 19'*	40 11 36.7	84 43 39.2
Tps. 12 and 13 N., R. 1 E., s. cor. between secs. 35 and 36	40 10 43.7	84 43 39.0
T. 12 N., Rs. 1 and 2 E., west cor. between secs. 6 and 7.	40 09 55.5	84 42 29.2
T. 12 N., Rs. 1 and 2 E., west corner of secs. 7 and 18	40 09 02.6	84 42 28.3
Coletown, center of bridge 0.25 mile west of	40 08 04.0	84 42 22.2
Coletown, four corners 1.5 miles southwest of	40 07 17.6	84 42 26.5
Greenville-Winchester & Coletown-New Manchester pikes, crossing of	40 06 23.4	84 42 25.5
Greenville-Spartansburg and Coletown-New Manchester pikes, crossing of	40 05 41.8	84 42 24.8
T. 11 N., Rs. 1 and 2 E., corner of secs. 1, 6, 7, and 12	40 04 38.5	84 42 23.4
T. 11 N., R. 1 E., corner of secs. 1, 2, 11, and 12	40 04 38.2	84 43 30.4
T. 11 N., R. 1 E., corner of secs. 11, 12, 13, and 14.	40 03 45.7	84 43 29.5
T road west	40 02 33.7	84 43 27.4
T. 11 N., R. 1 E., corner of secs. 25, 26, 35, and 36	40 01 08.3	84 43 25.8
T. 11 N., R. 1 E., cor. of secs. 26, 27, 34, & 35; cen. of + rds.	40 01 08.5	84 44 34.1
Near south border of quadrangle via Cleveland, Cincinnati, Chicago & St. Louis Ry.		
Clark station, road crossing 1 mile southeast of	40 00 15.7	84 42 37.0
Crossing of north-south pike under trestle	40 00 05.4	84 42 18.4
Pennsylvania Ry., crossing of (on West Manchester quad.)	39 59 23.0	84 41 02.3

Halls Corners (Engraved on Paulding) **Quadrangle**

East along Cincinnati, Hamilton & Dayton Ry.

Stations	Latitude	Longitude
Baldwin station	41 01 04.3	84 48 09.0

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Road crossing, north-south	41 01 04.5	84 47 00.8
Section corner	41 01 07.5	84 47 00.8
Road crossing, north-south	41 01 04.5	84 46 26.5
McGill station	41 01 04.6	84 46 25.7
Road crossing, north-south	41 01 04.7	84 45 35.3

South along Indiana-Ohio State line to Baldwin along highways
(corrected mean of two lines)

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
T. 3 N., R. 1 E., corner of secs. 6 and 7; T road e., on Indiana-Ohio State line	41 14 14.1	84 48 11.1	.....
T. 3 N., R. 1 E., west cor. of secs. 7 & 18; T road e.	41 13 21.5	84 48 11.1	5,320
T. 3 N., R. 1 E., west corner of secs. 18 and 19; center of crossroads	41 12 29.1	84 48 11.4	5,300
T road east	41 11 03.5	84 48 11.0	8,660
T road east at church	41 10 26.9	84 48 11.2	3,700
T road w. at schoolhouse No. 1 & church (in Ind.)	41 10 12.8	84 48 40.0	2,628
Maumee River, center of middle span of bridge over (in Indiana)	41 09 49.4	84 48 40.5	2,370
North-south road at road southwest along canal	41 09 42.1	84 48 11.3	2,351
T 2 N., R. 1 E., west corner of secs. 6 and 7; stone	41 09 02.3	84 48 11.2	4,030
Wabash Ry., road crossing on	41 08 55.2	84 48 11.2	720
T. 2 N., R. 1 E., secs. 7 and 18; center of T road e.	41 08 09.9	84 48 11.4	4,600
T. 2 N., R. 1 E., on line of secs. 18 & 19; T rd. e.	41 07 17.4	84 48 11.3	5,315
T. 2 N., R. 1 E., secs. 19 & 30; center of T rd. e.	41 06 25.1	84 48 11.1	5,275
T. 2 N., R. 1 E., cor. of secs. 30 & 31; cent. of T rd. e.	41 05 32.5	84 48 11.0	5,320
Tps. 1 & 2 N., R. 1 E., twp. cor.; center of + roads	41 04 40.1	84 48 10.8	5,300
T. 1 N., R. 1 E., secs. 6 and 7; T road east	41 03 45.0	84 48 10.6	5,590
T. 1 N., R. 1 E., secs. 7 and 18; T road east	41 02 52.8	84 48 10.3	5,280
T. 1 N., R. 1 E., secs. 18 and 19; T road east	41 02 00.1	84 48 10.3	5,330
Baldwin, road crossing	41 01 04.3	84 48 10.6	5,642

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 29 N., R. 15 E., at e. corner of secs. 2 and 35, on State line; T road west	41 00 35.0	84 48 10.7
Baldwin, 1 mi. s. of, near T road e., 20 ft. s. and 15 ft. w. to w. cor. of secs. 30 and 31, T. 1 N., R. 1 E.; iron post stamped "Prim. Trav. Sta. No. 19. Ohio, 1909"	41 00 15.1	84 48 10.6

Near east border of quadrangle along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Crossing of pike and east-west road	41 14 14.3	84 45 17.0	.....
Antwerp, 3 miles north of; crossroads	41 13 22.0	84 45 05.7	5,369

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Hamilton Quadrangle

Near north border of quadrangle west along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Road crossing, north-south	39 29 04.7	84 30 42.7
Road crossing, north-south	39 29 30.4	84 31 59.5
T. 3 N., R. 3 E., cor. of secs. 28, 29, 32, and 33	39 29 39.5	84 33 07.6
Seven-mile sta., 1 mi. n. w. of; +ing on Penna. Ry.	39 29 38.6	84 34 16.5
T road west	39 29 37.3	84 36 31.5
T road north	39 29 36.9	84 38 14.9
T. 5 N., R. 2 E., corner of secs. 27, 28, 33, and 34	39 29 36.9	84 38 47.8
Road, north-south	39 29 33.9	84 40 51.0
T. 5 N., R. 2 E., T road east; near n. e. cor. of sec. 36.	39 29 35.8	84 41 48.4
Pike northwest-southeast	39 28 49.0	84 42 44.6
Wood, crossing on C. H. & D. Ry., west of station	39 27 29.1	84 43 01.1
Near west border south along highways		
T. 4 N., R. 1 E., corner of secs. 11, 12, 13, and 14	39 26 58.2	84 43 18.8
T. 4 N., R. 1 E., corner of secs. 13, 14, 23, and 24	39 26 06.0	84 43 18.4
Road, northwest-southeast	39 25 12.5	84 43 45.4
St. Charles, T road north	39 23 29.4	84 44 31.1
T. 3 N., R. 1 E., corner of secs. 2, 3, 10, and 11	39 22 39.2	84 44 21.9
T. 3 N., R. 1 E., corner of secs. 10, 11, 14, and 15	39 21 47.1	84 44 22.2
Crossing on Cold Wail pike	39 20 15.1	84 44 23.3
T road south (gravel)	39 18 59.3	84 43 50.8
Preston P. O. (New Haven), ½ mi. e. of; w. end of bridge	39 16 32.2	84 43 52.2
T. 2 N., R. 1 E., corner of secs. 14, 15, 22, and 23	39 15 40.2	84 44 25.5
T. 2 N., Rs. 1 and 2 E., corner of secs. 7, 12, 13, and 18	39 16 32.4	84 42 11.7
Corner of sections, n. w. corner section 17	39 16 32.5	84 41 04.1
Sater postoffice, north end of iron bridge	39 15 49.5	84 40 02.8
Sater postoffice, corner section 1 mile southeast of	39 15 10.6	84 39 34.1

Harrison Quadrangle (Ohio-Ind.)

Near state line and from Harrison east to Preston, along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
T. 7. N., R. 1 W., cor. of secs. 24 and 25, (on Lawrenceburg Quad.)	39 14 51.0	84 49 12.4	.....
Harrison, 0.8 mi. s. of, on w. side of Ohio-Ind. State line pike at pike e., 15 ft. e. and 15 ft. s. to junc. of pikes; iron post stamped "**Prim. Trav. Sta. No. 33. Ohio, 1910**"	**39 15 05.5**	**84 49 12.3**	**1,465**

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Harrison, cen. of +ing of Broadway & State Sts.	39 15 39.3	84 49 11.5	3,420
Harrison, 1.8 mis. e. and 1 mi. s. of; road +ing.	39 14 52.9	84 47 10.7	.....
Harrison, 3 mis. e. and 0.5 mi. s. of; cen. of T rd. w.	39 15 16.7	84 46 00.1	6,049
T. 2 N., R. 1 E., stone at cor. of secs. 15, 16, 21, & 22	39 15 41.8	84 45 52.5	2,594
Harrison, 4.2 mis. from; center of T pike s. e. at guidepost "Harrison 4.2 mis., Venice 6.8 mis."	39 16 08.7	84 45 05.8	4,561

Harrison north along highways near state line

	° ′ ″	° ′ ″	*Feet*
Harrison, crossing of Broadway & State Streets	39 15 39.3	84 49 11.5	.....
T. 2 N., R. 1 E., w. cor. of secs. 18 & 19; State line	39 15 42.8	84 49 11.5	350
T. 6 N., R. 1 W., e. cor. of secs. 13 & 14; center of cross streets at State line.....	39 15 43.3	84 49 11.5	50
Harrison, 1 mi. east and 1.8 miles north of; center of triangle in forks.....	39 17 11.6	84 47 58.7	10,608
Tps. 2 and 3 N., R. 1 E., w. cor. of secs. 6, and 31; center of T road north.....	39 18 19.0	84 49 09.7	8,811
T. 3 N., R. 1 E., w. cor. of secs. 30 and 31; State line	39 19 11.4	84 49 08.8	5,317
T. 3 N., R. 1 E., w. cor. of secs. 19 & 30; State line	39 20 03.2	84 49 07.9	5,238
T. 3 N., R. 1 E., w. cor. of secs. 18 & 19; State line	39 20 55.4	84 49 07.2	5,280
T. 8 N., R. 1 W., e. cor. of secs. 13 & 24; State line	39 20 56.5	84 49 07.2	110
T. 3 N., R. 1 E., w. cor. of secs. 7 & 18; State line	39 21 47.7	84 49 06.1	5,180
T. 8 N., R. 1 W., e. cor. of secs. 12 & 13; State line	39 21 49.2	84 49 06.0	150
Okeana, 1.5 mis. w. & 1 mi. n. of; center of +pikes	39 21 44.3	84 47 41.9	6,624
Schoolhouse No. 3, just w. of; crossing of north-south pike and pike northwest-southeast.....	39 22 32.4	84 47 41.0	4,871
Scipio, in s. w. part of town, 20 ft. e. & 5 ft. n. to s. w. cor. of Town Hall bldg., in T. Hall yd.; iron pst. stam. **"Prim. Trav. Sta. No. 35. O., 1910"**	**39 23 30.1**	**84 49 00.7**	**8,553**
Scipio, center of pike on Ohio-Indiana State line	39 23 31.0	84 49 03.6	250
Tps. 3 and 4 N., R. 1 E., west cor. of secs. 6 and 31; State line	39 23 30.8	84 49 03.6	25
T. 9 N., R. 1 W., e. cor. of secs. 25 & 36; State line	39 24 22.9	84 49 02.2	5,274
T. 4 N., R. 1 E., w. cor. of secs. 30 & 31; State line	39 24 23.3	84 49 02.2	40
T road west, center of; State line.....	39 25 36.7	84 49 00.6	7,420
T. 4 N., R. 1 E., w. cor. of secs. 18 & 19; State line	39 26 08.5	84 48 59.9	3,220
T. 9 N., R. 1 W. east corner of secs. 13 and 24; T road west at State line	39 26 08.9	84 48 59.9	40
T. 4 N., R. 1 E., west corner of secs. 7 and 18; center of T road east at State line	39 26 59.8	84 48 59.1	5,151
T. 4 N., R. 1 E., w. cor. of secs. 6 & 7; State line	39 27 53.5	84 48 58.2	5,430
T. 9 N., R. 1 W., e. cor. of secs. 1 & 12; State line	39 27 54.5	84 48 58.2	100
T. 4 & 5 N., R. 1 E., w. cor. of secs. 6 & 31; State line	39 28 46.1	84 48 57.4	5,220
Mixersville, center of cross pikes (in Indiana)..	39 29 18.5	84 49 28.9	4,107
T. 5 N., R. 1 E., w. cor. of secs. 30 and 31; T road north at State line.....	39 29 38.6	84 48 56.2	3,270

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Higginsport (see Georgetown) Quadrangle

Hillsboro Quadrangle

Near north border of quadrangle west along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Dallas, 1.5 miles n. of, at s. e. cor. of crossroads, 20 feet west to intersection of roads; nail in hub	39 14 00.2	83 31 15.8
Hillsboro, 4 mis. n. e. of; Greenville road at road east; 15 feet west to Mrs. W. K. Wright's mail box	39 14 58.0	83 33 34.8
Hillsboro, about 3 mis. n. e. of, on Greenville road; center of steel bridge over Clear Creek	39 13 52.8	83 34 34.5
Mr. Shepard's residence, 0.7 mile north of; T road south.	39 14 46.8	83 35 14.0
James Elliott's res., center of Leesburg road, at road west	39 14 41.0	83 36 19.2
Careytown-Hillsboro pike at road east	39 14 28.8	83 37 45.1
Hillsboro, 4 mi. n. w. of, near Persimmon Ridge schoolhouse at n. e. cor. of intersection of Vienna road and road e.; iron post stamped "Prim. Trav. Sta. No. 63. Ohio, 1909"	39 14 43.2	83 39 05.2
Dunn's Chapel, 0.2 mile east of; center of crossing of Wilmington road and east-west road	39 14 20.7	83 40 51.6
Dunn's Chapel, 1.5 miles west of; T road south	39 14 02.0	83 42 36.5
Stone at center of crossroads	39 13 49.2	83 43 32.4

Near south border of quadrangle west along highways

Mayhill, 0.8 mi. s. of, forks of road in branch	39 00 01.8	83 30 51.3
Mayhill, cen. of road at township line	39 00 40.1	83 30 15.0
Mayhill, s. cor. of +roads, 25 ft. n. and 10 ft. e. to cen. of rds.; iron post stpd. "Prim. Trav. Sta. No. 82. Ohio, 1909"	39 00 45.4	83 30 28.5
Jessup, 1 mi. s. of; n.-s. pike at T road west	39 00 38.3	83 32 13.0
Greenbrier schoolhouse, w. of; T road southeast	39 00 56.3	83 33 50.3
Buckrun postoffice, 0.2 mi. s. of; on West Union road, at road northeast	39 00 02.9	83 34 55.8
Emerald, center of crossroads	39 00 03.1	83 39 29.7
Emerald, 0.8 mile west of; T road south	39 00 18.8	83 40 17.6
Fincastle Cemetery, center of pike at T road southeast	39 00 00.0	83 42 42.2

Near east border of quadrangle north along highways

Jessup, center of crossroads	39 01 30.7	83 31 59.3
Jessup, 0.6 mi. n. e. of; Highland-Adams county line monument, in J. H. Moore's front yard	39 02 00.2	83 31 44.7
J. W. Moore's mail box, +roads, 10 ft. s. w. to tel. pole	39 02 32.6	83 31 12.2
Bell, 0.8 mi. s. e. of postoffice, n. point of grass tri. at forks	39 03 19.6	83 31 36.3
Bell, center of T road east at postoffice	39 03 46.9	83 31 58.5
Elm Run, center of bridge	39 04 50.7	83 30 47.7

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	° ′ ″	° ′ ″
Pleasant schoolhouse, 0.2 mi. n. of; cen. of T road w., 5 ft. north and 15 feet west to center of mound	39 05 30.1	83 30 45.4
T road west, north of small store	39 06 41.9	83 31 00.9
Berryville, 2.5 mis. e. of, 15 ft. s. to cen. of T rd.; iron post stamped "**Prim. Trav. Sta. No. 83. Ohio, 1909**"	**39 07 27.2**	**83 30 50.9**
Marshall, 1 mile west of; stone at crossroads	39 08 52.2	83 30 22.6
Marshall, 1 mi. n. w. of; intersection of Marshall road and north-south road	39 09 31.0	83 30 20.5
Dallas, 1.7 mis. s. of; cross pikes at Beechwood's schoolhouse	39 11 32.8	83 30 10.5
Dallas, center of crossroads, 20 feet n. to town pump	39 12 55.2	83 30 38.7
Near west border of quadrangle north along highways		
Mowrystown, crossing of main streets	39 02 18.2	83 44 55.6
Mowrystown, 1.8 miles n. of; on Mowrystown-Taylorsville pike, at T road west	39 03 43.1	83 44 45.1
Taylorsville, 0.2 mile west of; center of T pike south	39 04 41.3	83 44 30.2
T road south, at northwest corner of wooded field	39 05 44.1	83 44 46.5
D. C. Marconet's res. 0.2 mi. n. e. of; cen. of T road s. e.	39 06 41.3	83 44 59.0
Danville, 0.5 mi. s. w. of, at s. w. side of Cincinnati rd. at rd. w. to Pricetown, 50 ft. e. and 25 ft. n. to cen. of forks; iron post stpd. "**Prim. Trav. Sta. No. 87. Ohio, 1909**"	**39 08 28.2**	**83 44 42.6**
Danville, center of T pike southeast	39 08 41.9	83 44 16.3
Danville, 1 mile north of; center of T road east	39 09 39.4	83 44 26.7
Danville, 2 mi. n. of, just n. of C. E. Lewis's res.; cen. of T rd. w.	39 10 18.0	83 44 26.4
T road east, just south of church	39 11 03.7	83 44 08.5
Fairview, center of cross pikes in west part of town	39 12 15.3	83 43 48.0
Fairview, 1 mile w. of; cen. Cincinnati road, at road n. w.	39 12 15.4	83 44 39.3
Through center of quadrangle east along highways		
Danville, ½ mi. s. e. of, forks in rd., 20 ft. e. to cen. of culv.	39 08 21.2	83 43 52.3
Newmarket, at sta.; crossing of e.-w. rd. and N. & W. Ry.	39 08 14.8	83 41 53.2
Newmarket, center of cross pikes	39 08 07.8	83 40 07.2
Newmarket, 2 miles e. of, n. e. cor. of Harrisburg schoolhouse, 40 ft. e. and 10 feet n. to cen. of crossroads; iron post stamped "**Prim. Trav. Sta. No. 88. Ohio, 1909**"	**39 07 44.5**	**83 37 57.8**
Berryville, 2 miles west of; intersection of West Union road and old State road	39 07 37.7	83 36 01.3
Berryville, 1.5 miles west of; T road s. on top of hill	39 07 49.9	83 35 09.0
Berryville, 0.5 mi. n. w. of, at Prospect Ch.; cen. of + pikes	39 08 06.0	83 33 50.6

Ironton Quadrangle

Near northwest corner of quadrangle

Station	Latitude	Longitude
Andre, road crossing 70 feet south of station	38 44 47.6	82 44 06.2

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Jackson Quadrangle

Near east border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Pawpaw school, 2.5 mis. s. of, 20 ft. s. w. to cor. of rail fence, 31 ft. s. e. to black oak tree	39 14 25.5	82 32 40.3
F. W. Hatfield's res., about 500 ft. e. of; T road n., 12 ft. e. to gatepost	39 13 36.0	82 32 48.2
Road south just east of bridge	39 12 16.9	82 32 33.9
T. 8 N., R. 18 W., northeast corner stone of section 1	39 11 43.4	82 32 05.4
Hamden junction, 1.5 mis. n. of; T road w., 18 ft. due w. to center of small bridge	39 10 47.8	82 31 30.2
Hamden Junction to Berlin via Baltimore and Ohio Southwestern Ry.		
Hamden Junction, 820 feet n. of station; road +ing on B. and O. S. W. Ry.	39 09 37.6	82 31 23.9
Vinton-Jackson county line, south rail of track	39 08 37.5	82 31 59.4
Hamden Junc., 0.75 mi. s. of, n. w. cor. of John Potter's field at pike +ing, cen. of +ing bears N. 9° 30′ W., 74.6 ft.; iron post stamped "**Prim. Trav. Sta. No. 13. Ohio, 1906**"	**39 08 34.9**	**82 31 56.6**
Wellston, pike crossing 0.8 mi. north of station	39 07 57.8	82 31 47.9
Wellston station	39 07 19.3	82 32 09.2
Wellston, road +ing on C. H. & D. Ry. at cement plant	39 06 42.4	82 32 12.3
Milepost 51, 850 feet south of; east-west road crossing	39 05 33.9	82 32 16.1
Berlin, road crossing on C. H. & D. Ry	39 04 50.0	82 32 33.5
Berlin to Rocky Hill via Cincinnati, Hamilton & Dayton Ry.		
Milepost 48, north-south pike crossing	39 03 50.4	82 32 22.5
Milton-Bloomfield township line	39 02 28.9	82 32 05.4
Burris station, 0.25 mile north of road crossing	39 01 42.0	82 31 43.4
T. 8 N., R. 17 W., northeast corner of sec. 7	39 01 35.8	82 31 49.9
Ridgeland station, pike crossing	39 00 50.9	82 31 30.2
Rocky Hill, road crossing 1 mile north of station	39 00 05.8	82 32 21.7
Through center of quadrangle east along highways		
T. 8 N., R. 19 W., quarter cor. between secs. 29 and 32, road n.-s at fence e.-w.	39 08 07.1	82 44 30.7
Valley Chapel, point on Chillicothe pike and road w., 20 ft. s. to sycamore snag	39 08 30.4	82 43 28.8
Covered bridge, n. of, Chillicothe-Jackson pk. at T road s.	39 08 00.0	82 42 47.1
Green's store, Chillicothe-Jackson pike and road n. e., 10 feet n. e. to cen. of triangular grass plat	39 07 48.9	82 42 01.9
J. C. Randall's residence, T road n., 10 ft. n. e. to mail box	39 08 30.1	82 41 05.6
Leo, 0.2 mile southwest of; section corner	39 08 47.9	82 40 30.7
Leo, T road south just east of schoolhouse	39 08 49.7	82 40 01.0

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Leo and Coalton pk., +ing of line between Rs. 18 & 19 W.	39 08 34.2	82 39 22.5
T. 8 N., R. 18 W., cor. of secs. 29, 30, 31, and 32	39 07 42.5	82 38 18.7
Coalton, 1.5 mis. n. w. of, in stone 30 by 12 by 6 in. at s. w. cor. of T road s., just e. of John Wilson's house, 20 ft. e. and 20 ft. n. to cen. of T road; aluminum tablet stamped **Prim. Trav. Sta. No. 1. Ohio, 1910"**	**39 07 27.2**	**82 37 58.2**
Garfield, T pike west of station	39 07 26.5	82 37 11.4
T. 8 N., R. 18 W., quar. cor. on s. side of sec. 33, +roads at Sach's Hotel, Coalton	39 06 49.9	82 36 40.8
Glenroy, T road south at school	39 06 47.2	82 34 55.5
Electric park, T road north	39 07 01.1	82 33 45.3
Wellston, large stone monument on w. line of town	39 06 59.8	82 33 28.2

Jefferson Quadrangle

Jefferson south to Colebrook along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Jefferson station, 0.6 mile south of; fork of road to s. e.	41 43 53.0	80 45 51.7
Lenox, 1 mile northeast of; four corners	41 41 40.7	80 45 42.2
Lenox, 1 mile east of; four corners	41 40 47.8	80 45 41.3
New Lyme-Lenox township line, four corners	41 38 35.4	80 45 39.1
Three corners, road east	41 37 27.3	80 45 47.1
Four corners	41 36 17.8	80 45 46.9
Four corners	41 35 44.0	80 46 49.2
South New Lyme, four corners near hotel	41 34 56.1	80 46 35.8
Four corners	41 33 26.7	80 46 12.8
Colebrook, four corners at	41 32 08.8	80 45 45.4
Near south border of quadrangle east along highways		
Four corners	41 30 30.2	80 56 21.1
Forks of road to northwest	41 30 30.0	80 55 16.6
Grand River, center of covered bridge over	41 30 18.1	80 54 28.0
Orwell, 1 mile south of; T road east	41 31 16.1	80 52 04.6
Pennsylvania Ry. crossing	41 31 16.0	80 50 53.3
Three corners, road north	41 31 16.2	80 49 47.1
Three corners, road east	41 31 20.0	80 48 36.8
Three corners, road west	41 31 19.6	80 47 26.6
Three corners, road east	41 30 52.0	80 47 24.0
Schoolhouse, three corners at	41 30 51.9	80 45 17.6
Triumph, 0.75 mile n. of, in s. e. cor. of Mrs. E. P. Priar's farm, on w. side of Jefferson rd., n. e. cor. of W. Cleat's res. bears S. 37° 20′ W., dis. 48.6 feet; s. w. cor. of O. B. Humphrey's house bears N. 29° E., dis. 129.4 ft.; in stone post, aluminum tablet stamped **"Prim. Trav. Sta. No. 35"**	**41 30 08.1**	**80 45 03.0**

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Near west border of quadrangle south along highways

Three corners	41 44 33.6	80 59 47.2
Mill Creek, center of bridge over	41 42 45.4	80 59 32.0
Four corners	41 41 54.7	80 59 35.6
Schoolhouse, Hartsgrove district No. 4; three corners	41 37 58.7	80 59 32.4
T road east	41 37 08.7	80 59 32.3
Four corners at signpost "Hartsgrove 2 miles"	41 36 19.8	80 59 32 3
Schoolhouse, district No. 7; four corners	41 35 30.7	80 59 32.3
Three corners, south edge of east-west road	41 33 50.3	80 59 30.3
Stoneville, 0.25 mile west of; four corners	41 33 14.2	80 57 47.1
Windsor Mills, three corners at top of hill near church	41 32 06.7	80 57 44.7
Windsor Mills, s. end of cov. hi'way brdg. over Phelps Ck.	41 31 58.3	80 57 50.8
Three corners, forks to east	41 31 22.7	80 57 54.7
Iona postoffice, four corners at	41 30 30.7	80 58 22.6

Kent Quadrangle

Hudson to a point near Earlville via Pennsylvania Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Hudson, observatory of Western Reserve Academy	41 14 37.6	81 26 13.9
Portage-Summit county line	41 12 45 3	81 23 32.2
Earlville station	41 11 21.0	81 20 41.8
Erie Ry. crossing	41 10 18.4	81 18 39.7

Hudson to Akron via Cleveland, Akron & Columbus Ry.

Flag station, road crossing at, 1,770 feet s. of milepost 3	41 11 52.4	81 27 52.8
Road crossing, 1,370 feet north of milepost 6	41 09 50.3	81 28 09.8
Cuyahoga Falls station	41 08 06.9	81 28 51.0
Road crossing 1,925 feet south of milepost 10	41 06 08.1	81 29 22.0
Baltimore & Ohio Ry. crossing, stone arch	41 05 08.5	81 29 23.3

Near Krumroy on Baltimore & Ohio Ry.

Krumroy station, road crossing 225 feet south of	41 00 55.3	81 28 41.8
Overhead road crossing 425 feet south of milepost 39	41 03 07.2	81 28 36.0

Kenton Quadrangle

Milepost 64 to Ridgeway via Toledo & Ohio Central Ry.

Stations	Latitude	Longitude
Milepost 64, crossing 910 feet south of	40 44 46.5	83 38 34.9
Blanchard station, 150 ft. n. of; telephone line rd. crossing	40 43 54.2	83 38 35.6

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Milepost 67, crossing 500 feet south of	40 42 14.0	83 38 36.1
Milepost 69, crossing under railroad 450 ft. south of	40 40 30.3	83 38 35.1
Pike crossing	40 39 19.2	83 37 59.9
Kenton, n. w. azimuth stone 9 ft. s. of s. rail on T. & O. C. Ry., and 12 ft. n. of switch block, sandstone post 30 by 6 by 6 in., set 28 in. in ground; bronze meridian tablet cemented in top. *Azimuth 273° 48′ 22″ to s. e. stone*	40 38 40.8	83 36 58.1
Kenton, s. e. azimuth stone on middle pier of Big 4 Ry. bridge over Scioto River., 15 ft. s. of T. & O. C. Ry. and 3½ ft. w. of w. rail of Big 4 Ry.; copper bolt in top of stonework	40 38 40.0	83 36 42.2
Kenton station, street crossing 140 feet east of	40 38 36.9	83 36 29.2
Erie R. R. crossing	40 38 00.6	83 35 47.2
Siding, crossing 70 feet north of north end of	40 34 35.9	83 34 29.9
Big Four Route crossing	40 31 09.6	83 33 47.6
Ridgeway station, crossing 175 feet south of	40 30 57.9	83 33 46.1

In central and western part of quadrangle along highways

Roads north, east, and west	40 37 24.1	83 30 57.4
Henpeck schoolhouse, road crossing at	40 38 04.5	83 33 09.0
Corner of sections	40 38 39.2	83 34 34.0
Kenton, 1.5 miles west of; crossing of Big Four Route	40 38 48.3	83 38 20.6
Kenton, 4.5 miles west of; crossing of Big Four Route	40 39 30.7	83 40 30.2
Big Four Route and north-south road crossing	40 40 09.6	83 42 28.9
T. 3 S., R. 10 E., corner of secs. 5, 6, 31, and 32	40 43 57.2	83 44 52.6
Foraker station	40 40 46.6	83 44 21.8

Near east border of quadrangle north along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Mt. Victory, 1.25 miles s. e. of; n. w.-s. e. pike at at road west	40 31 01.9	83 30 28.2	....
Mt. Victory, Erie R. R. at Main St. crossing	40 32 00.1	83 31 14.1	6,878
Hale-Dudley tp. stone in cen. of n.-s. road	40 33 23.2	83 30 42.1	8,773
Mount Victory, 2 mis. north of; crossroads	40 33 54.5	83 30 32.7	3,250
Otterbein United Brethren Church; crossroads	40 35 02.6	83 30 19.4	6,962
T road east	40 35 59.4	83 30 14.4	5,770
Pfeiffer, 1 mi. w. of, at s. side of T road n. 16 ft. n. to cen. of T road; iron post stpd. "Prim. Trav. Sta. No. 86. Ohio, 1910"	40 37 24.0	83 30 57.4	....

Near south border of quadrangle west along C. C. C. & St. L. Ry. and highways

Mount Victory, 1.25 mis. s. w. of; n.-s. road +ing	40 31 35.2	83 32 29.9	....
Milepost 124, north-south road crossing at	40 31 21.7	83 33 10.7	3,439

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Logan-Hardin county line post	40 30 48.7	83 34 50.8	5,083
Beechdale schoolhouse, in s. e. cor. of grounds, 25 ft. e. by 20 ft. s. to cen. of +roads; iron post stamped **"Prim. Trav. Sta. No. 87. Ohio, 1910"**	**40 30 14.1**	**83 35 54.0**	**6,006**
Van, e.-w. pike crossing on C. C. C. & St. L. Ry.	40 30 08.3	83 36 55.3	4,769
Big Springs, 0.25 mi. n. of, +pks. at schoolhouse	40 30 01.1	83 38 10.8	5,880
Crossroads	40 30 20.4	83 40 38.5	.....
White Town schoolhouse No. 8, crossroads at	40 30 14.4	83 41 41.5	4,906
Rush Creek-Richland tp. line, center of pike	40 30 16.5	83 43 04.1	6,381
Belle Center, 1 mi. e. of, at n. w. cor. Fairview Cem., 25 ft. w. by 20 ft. n. to cen. of T rd. s.; iron post stpd. **"Prim. Trav. Sta. No. 88. Ohio, 1910"**	**40 30 13.8**	**83 43 52.9**	**3,782**
Belle Center, in southeast part of; crossroads	40 30 14.6	83 44 37.0	3,405
Near west border of quadrangle north along highways			
Logan-Hardin county line stone	40 31 19.9	83 44 46.7	6,648
Graystone schoolhouse, 630 feet s. of, T road w.	40 32 02.1	83 44 54.0	4,314
McDonald-Lynn township line, T road north	40 35 59.5	83 44 05.9	.....
Gurn schoolhouse No. 2; crossroads	40 36 13.3	83 43 02.5	5,080
T road east	40 37 18.0	83 43 13.0	6,599
Foraker, 2 mis. s. of, in n. w. cor. of Flynn schoolhouse grounds, 45 ft. n. by 30 ft. w. to cen. of + roads; iron post stamped **"Prim. Trav. Sta. No. 89. Ohio, 1910"**	**40 38 35.5**	**83 43 25.2**	**7,893**
T road east	40 39 30.1	83 43 34.4	5,569

Meridian Marks

Kenton, in southeast part of public school yard; a sandstone post 36 by 7 by 7 inches, set 32 inches in the ground, in the center of top of which is countersunk and cemented a bronze tablet. Reference marks: Thirty feet north of south fence and 18 feet from east fence and 36 feet from southeast corner of school yard.

Distant mark: North of station 315 feet, a sandstone post 30 by 6 by 6 inches, set 30 inches in the ground, having a copper bolt cemented in its top.

Kinsman Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Stanhope creamery, three corners at Penn. Ry. crossing	41 29 54.1	80 36 17.1
Pennsylvania Ry. crossing, 0.5 mile east of; four corners	41 29 54.3	80 35 50.2
Four corners	41 29 55.5	80 34 12.8

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Stratton Creek, center of bridge over	41 29 56.0	80 33 28.0
Cornelian, four corners at	41 29 34.9	80 31 50.7
Ohio-Pennsylvania State line, milepost 33	41 29 34.0	80 31 09.6
Near west border of quadrangle north along highways		
Schoolhouse, T road east, 21 ft. s. e. to W. B. King's mail box, 21 feet northwest to west end of stone culvert	41 15 40.2	80 44 26.9
Road northeast, 90 feet n. to guidepost "Cortland 4 miles"	41 16 31.6	80 44 27.1
T rd. e., 35 ft. n. e. to cor. fence post, 34 ft. s. e. to cor. f. post	41 17 02.8	80 44 27.4
T. 5 N., R. 3 W., T road s., 13 feet n. to A. Barnard's mail box, 40 feet southeast to C. W. Kennedy's mail box	41 18 29.7	80 44 28.2
T. 5 N., R. 3 W., crossroads, 37 feet southwest to corner fence post, 42 feet northwest to guidepost	41 19 48.6	80 44 28.5
Cortland, 2 miles north of; guidepost at Y road north	41 21 11.1	80 44 13.5
Mecca, 1.8 mis. s. of, in w. part of schoolhouse yd.; nail in e. face of maple tree bears S. 55° W., dist. 73.5 ft.; nail in s. face of maple tree near fence bears N. 19° E., dist. 79.8 ft.; iron post stpd. "**Prim. Trav. Sta. No. 34**"	**41 21 53.2**	**80 44 12.4**
Mecca, corner stone in center of park	41 23 22.7	80 44 13.3
Crossroads, 40 ft. northwest to guidepost, 40 feet southwest to cross on fence post	41 25 07.9	80 44 13.7
T. 7 N., R. 3 W., T road e., 10 ft. n. e. to milk platform	41 25 58.1	80 44 13.8
Crossroads, center of bridge	41 26 51.4	80 44 47.7
Kenilworth, crossroads 0.5 mile west of, 40 feet northeast to telephone pole, 66 feet southeast to maple tree	41 27 43.4	80 44 48.2
Triumph, 1 mile south of, T road east, 27 feet west to wild-cherry tree, 70 feet southeast to maple tree	41 28 36.7	80 44 48.5
Triumph, crossroads, 57 feet southwest to northeast corner of shop, 40 feet southeast to C. M. Rice's mail box	41 29 28.4	80 44 48.6

Lancaster Quadrangle

Lancaster to Hooker via Hocking Valley Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Lancaster, +ing of Fair Avenue and Columbus Street	39 43 26.4	82 36 15.1
Lancaster, 1.6 mis. n. w. of; pike +ing on H. V. Ry. e. track	39 43 30.1	82 37 40.6
Water tank, spout between tracks	39 44 16.1	82 38 43.3
Hooker sta., 350 ft. n. w. of, on n. side of e.-w. road, near s. e. cor. of field of Mike Vase, s. w. cor. of foundation to house bears N. 43° 15′ E., distant 29 feet; iron post stamped "**Prim. Trav. Sta. No. 48. 1905**	**39 44 51.5**	**82 39 47.6**
Near Hooker along highways		
Hooker, 1.75 miles west of, 22 feet n. w. to R. V. Allen's mail box, 25 feet northeast to cross on fence post	39 44 52.7	82 41 51.7

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	° ′ ″	° ′ ″
Hooker, 3 mis. w. of, in e. part of field owned by Jacob Bookmon, near apple tree on top of steep bank, west of intersection of +roads; iron post stamped "**Prim. Trav. Sta. No. 49. 1905**"	**39 44 59.3**	**82 42 47.1**

Near south border of quadrangle west along highways

Gibisonville, east of, crossroads at schoolhouse, 63 feet n. to cor. of fence, 60 ft. n. w. to corner fence post	39 30 02.6	82 33 36.8
Mound Crossing school, in front yard of; s. east corner of foundation of schoolhouse bears N. 44° E., distant 40.5 ft.; n. cor. of lower step of entrance to front yard bears S. 12° E., distant 71.6 ft.; iron post stamped "**Prim. Trav. Sta. No. 8. Ohio, 1906**"	**39 30 22.0**	**82 37 25.2**
Laurel township, n. w. cor. of sec. 19, T. 12 N., R. 18 W.	39 30 21.8	82 37 25.8
Perry tp. n. e. cor. of sec. 24, T. 12 N., R. 19 W.; gatepost corner	39 30 24.5	82 37 25.6
T. 11 N., R. 20 W., n. e. cor. of sec. 24; Hocking-Pickaway county line, at T road w., 18 feet n. w. to mail box 21, 25 feet southwest to arrow on post	39 30 39.3	82 44 10.5
Perry township, n. w. cor. of sec. 19, T. 12 N., R. 19 W.	39 30 42.5	82 44 10.5

Near west border of quadrangle south along highways

Amanda, 0.75 mi. e. of; e. of pike at T pike w., cross cut on s. w. corner of stone culvert bears N. 12° W., dist. 36.5 ft. + cut on s. e. cor. of stone culv. bears N. 22° 15′ E., distant 26.9 feet; iron post stamped "**Prim. Trav. Sta. No. 7. Ohio, 1906**"	**39 38 44.4**	**82 43 37.9**
Road east on township line between Tps. 12 and 13	39 38 34.6	82 43 46.0
Amanda, Clear Creek, Hocking, and Madison townships, common corner of; n. e. corner of sec. 1, T. 12 N., R. 20 W.	39 38 33.2	82 43 22.8
Crossroads, 225 feet west of northeast corner of sec. 14	39 36 52.1	82 44 43.4
T. 12 N., R. 20 W., northeast corner of sec. 14	39 36 52.1	82 44 40.6

Larue Quadrangle

Near southeast corner of quadrangle north along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T road south	40 30 46.4	83 15 22.2
Roads east, north, and south	40 31 47.2	83 15 56.0
Roads east, north, and south	40 33 04.0	83 16 07.6
Road, northwest-southeast	40 33 20.3	83 15 20.0
Gurley, 1 mile east of; crossing on Big Four Route	40 35 09.5	83 15 21.2
Espyville, road crossing southeast and west at	40 35 52.5	83 15 20.4

Near west border of quadrangle south along highways

T. 3 S., R. 12 E., corner of secs. 28, 29, 32, and 33	40 44 41.7	83 29 48.7
T. 4 S., R. 12 E., corner of secs. 8, 9, 16, and 17	40 42 04.8	83 29 45.7

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T. 4 S., R. 12 E., corner of secs. 20, 21, 28, and 29	40 40 19.4	83 29 45.1
Tps. 4 and 5 S., R. 12 E., corner of secs. 4, 5, 32, and 33	40 38 34.0	83 29 46.3
Steel bridge over Scioto River, center of	40 37 09.6	83 29 58.8
Union-Hardin county line monument	40 30 15.3	83 29 50.3

Near northeast corner of quadrangle

Harpster station	40 44 20.4	83 15 04.2

Near south border of quadrangle east along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Arbela, 1 mile n. by 1 mile east of; T road south	40 30 04.3	83 24 55.7	.....
Stahl schoolhouse No. 11, T road south	40 30 12.6	83 23 47.7	5,328
Union-Marion county line monument	40 30 20.5	83 22 55.4	4,121
Essex, 2 mis. n. by 1.5 mis. w. of, at n. w. cor. of T rd. n., 0.3 mi. s. of Union-Marion Co. line, 35 ft. east by 15 ft. south to center of T rd.; iron post stpd. "**Prim. Trav. Sta. No. 84. Ohio, 1910**"	**40 30 02.6**	**83 22 05.8**	**4,245**
T road south	40 30 03.7	83 20 49.9	5,869
Schoolhouse No. 8 (brick), 0.25 mile northwest of; on northwest-southeast road at road west	40 30 10.4	83 19 57.5	4,111

Laurelville Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Adelphi, +ing of Main and Concord Streets, 40 ft. s. e. to lamp-post, 36 ft. n. w. to telephone pole at general store	39 27 58.9	82 44 52.3
T. 10 N., R. 20 W., corner of secs. 18, 19, 23, and 24, on Ross-Hocking county line	39 25 28.7	82 44 38.5
Feightner, T road n. at blacksmith shop, 21 ft. w. to s. w. corner of shop, 30 feet northwest to small apple tree	39 24 45.4	82 44 48.2
Tom Pritchard's res., intersection of roads, 15 feet north to cross cut on small cottonwood tree	39 23 39.0	82 43 28.4
Freightner, 2 mis. s. e. of, in n. e. cor. of T. B. Pritchard's front yd., n. e. cor. of foundation of porch of Pritchard's res. bears S. 73° 15′ W., dist. 49.2 ft.; nail in n. face of cottonwood tree in front yd. bears S. 15° E., dist. 7.7 ft.; in top of sandstone post 6x10x36 in. set 32 in. in ground.; aluminum tablet stamped "**Prim. Trav. Sta. No. 10**"	**39 23 36.8**	**82 43 28.8**
T road west, 18 ft. south to + on cor. of fence post, 20 feet northeast to cross on fence post	39 22 19.2	82 43 47.9
Pike Run (Jimtown), T road east at, 25 feet n. e. to + on tel. pole, 25 feet s. e. to corner of old store building	39 21 11.8	82 43 19.8
Pike Run (Jimtown), +rds. 0.75 mi. s. of, 18 ft. n. w. to + on cor. fence post, 22 ft. s. w. to s. end of box culvert	39 20 40.3	82 43 26.6

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	° ′ ″	° ′ ″
Pike Run (Jimtown), intsec. of rds. at bridge about 1 mi. west of, 10 feet east to north corner of bridge, 10 feet south to southwest corner of bridge	39 21 19.2	82 44 22.2

Near south border of quadrangle west along highways

Pawpaw school, 1 mi. s. of; T rd. n., 27 ft. w. to small brdg.	39 15 44.0	82 32 26.9
McArthur, 3.75 mis. n. w. of, 0.25 mi. w. of J. T. Hartley's res., n. side of old State rd., nail in apple tree bears S. 35° 45′ W., distant 53.7 ft.; nail in gum tree bears N. 56° 30′ W., distant 25.3 ft.; iron post stamped "**Prim. Trav. Sta. No. 11. Ohio, 1906**"	**39 16 40.1**	**82 32 09.0**
Schoolhouse, just w. of, rail fence s. of old State rd.; T rd. n.	39 16 13.9	82 34 31 7
Allensv'le, n. e. cor. of sec. 8, T. 9 N., R. 18 W.; sto. in sc'hse. yd.	39 16 23.9	82 36 13.3
Allensville, center of crossroads	39 16 21.4	82 36 24.0
Allensville, 1.33 miles w. of; T road n., 21 ft. e. to s. w. corner of covered bridge	39 16 28.4	82 37 48.2
Line betw'n Rs. 18 & 19 W., cen. of old State rd., rail fence s.	39 16 16.8	82 38 37.1
Allensville, 2.5 mis. w. of, s. side of old State rd., ¼ mi. w. of Jas. Anderson's residence, 30 ft. e. of T road s.; iron post stamped "**Prim. Trav. Sta. No. 12. Ohio, 1906**"	**39 16 12.8**	**82 39 04.7**
T road n., 30 ft. e. to center of small bridge	39 16 18.3	82 39 46.0
T. 9 N., R. 19 W., n. e. cor. of sec. 15, stone, lane south	39 15 43.9	82 40 57.6
Private road south in hollow	39 15 04.4	82 42 33.7
Gillespieville, 4 mis. e. of; T road s., 15 ft. s. to guidepost, (on Jackson quadrangle)	39 14 49.1	82 43 33.5

Near east border of quadrangle south along highways

Stone on township line at north end of wire fence	39 26 29.7	82 30 39.8
Joseph Earnhart's blacksmith shop, about 400 ft. n. e. of; T rd. e., 45 ft. e. to s. w. cor. of brg., 26 ft. n. e. to + on fence	39 25 10.6	82 31 23.4
Old residence site, T rd. s., 33 ft. n. to cross on board fence, 29 feet southeast to corner of old yard	39 24 06.0	82 31 02.3
T. 11 N., R. 18 W., n. e. cor. of sec. 25; stake at junc. of fences	39 23 56.4	82 30 52.4
T. 12 N., R. 17 W., n. w. cor. of sec. 6; stone at topped hickory	39 23 44.8	82 30 52.4
Hue, 0.75 mile w. of; at n. w. cor. of H. S. Honnold's yard, nail in locust tree bears N. 62° 15′ W., dis. 9.6 ft.; nail in locust tree bears N. 20° E., distant 6 ft.; iron post stamped "**Prim. Trav. Sta. No. 10. 1906**"	**39 23 25.1**	**82 31 06.7**
Hocking-Vinton county line, cen. of road, at e.-w. rail fence, about 700 ft. n. of N. R. Pettit's residence	39 22 12.9	82 32 03.2
Millharm school, road forks, 15 ft. n. to large white oak.	39 21 22.0	82 32 39.4
Stella crossroads, 27 feet s. e. to n. w. cor. of old building, 43 ft. s. w. to sassafras stump	39 20 55.1	82 33 05.0
Stella, 1.25 mis. s. e. of; rd. forks, 15 ft. s. to Frank Allen's mail box, 30 feet northwest to stump	39 19 59.4	82 32 18.2
Centenary Church, about 0.25 mi. n. e. of; T road s., 9 ft. s. to cen. of small brdg., 18 ft. w. to E. Reinhart's mail box	39 19 12.4	82 32 33.0
T. 11 N., R. 17 W., n. w. cor. of sec. 6, w. side of Mr. Davis's farm, 27 feet north of junction of fences	39 18 24.5	82 31 23.1

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H. J. Westcoat's residence, T road n., 37 ft. n. w. to arrow on fence, 26 feet southeast to guidepost	39 18 14.9	82 31 37.6
Curry schoolhouse, 0.25 mile s. e. of; T road w., 21 ft. s. to center of small bridge	39 17 45.1	82 32 30.0
T road w., 9 feet southeast to w. end of box culvert	39 16 59.6	82 32 17.7
Near north border of quadrangle east along highways		
T. 12 N., R. 19 W., about 0.33 mi. w. of n. e. cor. of sec. 30; T road e., 27 feet n. w. to cross on large sycamore tree, 24 feet n. e. to J. C. Anderson's mail box	39 29 45.3	82 43 30.0
T road n. on section line, 27 feet s. e. to wooden mail box, 18 feet s. to G. H. McClelland's mail box	39 29 48.0	82 42 00.8
T. 12 N., R. 19 W., northeast corner of sec. 29	39 29 41.8	82 42 00.8
South Perry, south end of bridge at crossroads	39 29 47.8	82 40 19.3
South Perry, 1 mi. e. of; T rd. n., 15 ft. s. to + on fence post	39 29 51.9	82 39 11.2
Rockhouse, T road n., 27 ft. n. w. to end of board fence, 32 feet n. e. to corner of picket fence	39 29 38.8	82 36 53.7
Moore's sawmill, just s. of; T road n., 21 feet w. to cen. of small bridge, 18 feet s. w. to west end of gate	39 29 54.1	82 35 21.0
Gibisonville, 1 mile e. of, just s. of M. N. McCowen's res., w. of rd., nail in locust tree bears N. 30° E., dis. 44.3 ft; nail in locust tree bears S. 40° 30′ E., dis. 33.9 feet; iron post stamped **"Prim. Trav. Sta. No. 9. Ohio, 1906"**	**39 29 54.2**	**82 32 41.2**
Bridge over Pine Ck., just n. e. of; T rd. n., + on fence post	39 28 10.3	82 32 06.0
Zion Church, T road east, 20 feet s. to center of bridge, 18 feet east to arrow cut on board fence	39 28 31.3	82 30 34.6
Laurel township, n. e. corner of sec. 36, T. 12 N., R. 18 W.	39 28 13.8	82 30 30.2

Lawrenceburg Quadrangle (Ohio-Ind.)

Point near Elizabethtown to a point near Harrison north along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Elizabethtown, 1.1 mis. s. w. of, at n. e. cor. of T pike n. at Indiana-Ohio State line, 4 ft. s. and 1 ft. e. to large stone monument, 20 ft. w. and 35 ft. s. to center of T pike; iron post stamped **"Prim. Trav. Sta. No. 32. Ohio, 1910"**	**39 08 57.2**	**84 49 12.5**	**749**
Elizabethtown, street crossing on electric Ry.	39 09 29.7	84 48 17.8	5,412
Elizabethtown, 1 mi. east of State line, 200 meters n. w. of C. C. C. & St. Louis Ry. station; stone astronomical pier	39 09 32.2	84 48 21.5	386
Astronomic value (Coast and Geodetic Surv.)	39 09 28.54	84 48 22.48	....
Suspension bridge, just w. of; cen. of T pike east	39 10 58.7	84 47 41.8	5,412 9,444
Harrison, 2 mis. s. of; cen. of T road s., 25 ft. s. and 15 ft. e. to guidepost "Locust Grove Church 2 mis., Harrison 2 miles"	39 14 05.6	84 48 27.8	19,256
T. 7 N., R. 1 W., e. cor. of sec. 24 and 25; Ohio-Indiana State line	39 14 51.0	84 49 12.4	5,774

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Harrison, 1.8 miles e. and 1 mile s. of; center of pike at north-south road	39 14 52.9	84 47 10.7	10,604

Lebanon (see Morrow) Quadrangle

Liberty (College Corner) Quadrangle (Ohio-Ind.)

On State line north along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Tps. 5 N., R. 1 E., w. corner of sections 30, 31	39 29 38.6	84 48 56.2	.....
Tps. 5 and 10 N., Rs. 1 E. and 1 W., 20 ft. s. and 45 ft. w. of cor. of secs. 19, 24, 25, and 30, 4 mis. w. of Oxford, in n. e. cor. of Frank Hausel's field at T road s. on Ohio-Indiana State line; iron post stpd. "Prim. Trav. Sta. No. 36. Ohio, 1910"	**39 30 30.6**	**84 48 55.9**	**5,259**
T. 5 N., R. 1 E., cor. of secs. 19, 20, 29, and 30.	39 30 30.6	84 47 47.2	5,379
Oxford, 2.8 mis. west of; center of T road north.	39 30 30.4	84 47 22.1	1,970
T. 5 N., R. 1 E., stone at cor. of secs. 20, 21, 28, & 29.	39 30 30.2	84 46 38.7	3,390
T. 5 N., R. 1 E., cor. of secs. 21, 22, 27, and 28	39 30 29.6	84 45 31.0	5,291
To tie point 2.8 miles west of Oxford			5,213
T. 5 N., R. 1 E., cor. of secs. 17, 18, 19, and 20; center of T road n. at schoolhouse No. 4	39 31 23.1	84 47 46.0	5,656
T. 5 N., R. 1 E., cor. of secs. 7, 8, 17, and 18; cen. of T road west	39 32 15.8	84 47 44.8	5,331
Tps. 5, 6, 10, and 11 N., Rs. 1 W. and 1 E., cor. of secs. 1, 6, 31, & 36, Butler, Preble, and Union counties; State line	39 34 04.4	84 48 53.5	12,230
T. 6 N., R. 1 E., west corner of sections 19 and 30; center of T road east, State line	39 35 49.5	84 48 53.2	10,635
T. 6 N., R. 1 E., west corner of sections 18 and 19; T road east, State line	39 36 37.0	84 48 52.7	4,810
T. 11 N., R. 1 W., east corner of sections 13 & 24; T road west, State line	39 36 37.4	84 48 52.7	40
T. 11 N., R. 1 W., east corner of sections 12 and 13, 10 ft. w. to cen. of T road w.; State line	39 37 29.9	84 48 52.3	5,310
College Corner, 5 mis. n. of, n. e. cor. of T rd. e. at Ohio-Indiana State line, 20 ft. s. & 20 ft. w. to center of T road; iron post stamped "Prim. Trav. Sta. No. 37. Ohio, 1910"	**39 38 16.8**	**84 48 52.0**	**4,744**
T. 11 N., R. 1 W., e. cor. of secs. 1 and 12; T road west, State line	39 38 22.5	84 48 52.2	580
Tps. 6 and 7 N., R. 1 E., west corner of sections 6 and 31; center of T road east, State line	39 39 21.6	84 48 51.8	5,980
T. 7 N., R. 1 E., w. cor. secs. 30 & 31; State line	39 40 14.7	84 48 51.9	5,370
T. 12 N., R. 1 W., east corner of sections 24 and 25; center of T road west, State line	39 40 58.6	84 48 51.9	4,440
T. 12 N., R. 1 W., e. cor. of secs. 13 & 24; State line	39 41 51.2	84 48 51.5	5,320

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T. 7 N., R. 1 E., w. cor. of secs. 18 & 19; State line	39 41 59.9	84 48 51.4	880
T. 12 N., R. 1 W., east corner of sections 12 and 13; center of T road west, State line.....	39 42 43.6	84 48 51.1	4,420
T. 7 N., R. 1 W., west corner of sections 7 and 18; center of T road east, State line.....	39 42 52.7	84 48 51.1	920
T. 12 N., R. 1 W., stone at e. cor. of secs. 1 and 12, junction of Union, Wayne, and Preble Co. lines; State line.....	39 43 35.9	84 48 51.0	4,370
T. 7 N., R. 1 E., west corner of sections 6 and 7; center of T road east, State line	39 43 46.0	84 48 51.0	1,020
Tps. 7 and 8 N., R. 1 E., 27 ft. n. and 15 ft. e. of cor. of secs. 1 and 6, at n. e. cor. of +roads, 3 mis. w. of West Florence; iron post stamped "Prim. Trav. Sta. No. 38. Ohio, 1910"	39 44 37.7	84 48 50.9	5,227

Primary Traverse Station No. 38 to tie east of West Florence along highways

T. 7 N., R. 1 E., n. cor. of secs. 5 & 6; cen. of T rd. s.	39 44 37.5	84 47 51.2	4,629
T. 7 N., R. 1 E., north corner of sections 4 and 5	39 44 37.6	84 46 42.9	5,300
T. 7 N., R. 1 E., n. cor. of secs. 3 & 4; cen. of T rd. s.	39 44 37.7	84 45 34.4	5,160
T. 8 N., R. 1 E., s. cor. of secs. 33 & 34; cen. of T rd. n.	39 44 37.7	84 45 36.4	160
Cor. of secs. 3 & 4 to tie point e. of W. Florence..			5,243

Near east border of quadrangle north along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Schoolhouse No. 2, 560 ft. east of; center of T road south.	39 33.16.6	84 45 15.2
T. 5 N., R. 1 E., n. e. cor. stone of sec. 4, on Butler-Preble county line.....	39 34 04.3	84 45 27.3
Bridge over Fourmile Creek, 0.25 mi. w. of; cen. of T road e., 5 feet s. and 10 feet east to center of grass plot. ...	39 34 50.3	84 45 30.0

Lima Quadrangle

Near north border of quadrangle east along Erie Ry. and highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Kemp station (Kempton postoffice).	40 43 25.6	84 13 27.6
Road crossing, northeast-southwest.....	40 43 34.7	84 08 56.7
Lima station.....	40 43 26.4	84 06 21.9
Detroit Southern Ry. crossing	40 43 26.5	84 05 10.5
T. 4 S., R. 7 E., corner of secs. 3, 4, 9, and 10.....	40 43 00.7	84 03 06.3

Near west border of quadrangle south along highways

T. 3 S., R. 5 E., corner of secs. 25, 26, 35, and 36	40 44 38.5	84 14 33.3
Tps. 3 and 4 S., R. 5 E., corner of secs 1, 2, 35, and 36....	40 43 46.1	84 14 32.8

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	° ′ ″	° ′ ″
Kemp sta., 1 mi. w. & 0.33 mi. n. of, at n. w. cor. of +rds., 15 ft. s. to T. 4 S., R. 5 E., cor. of secs. 1 & 2, 15 ft. s. and 30 ft. e. to T. 3 S., R. 5 E., cor. of secs. 35 and 36; iron post stamped **"Prim. Trav. Sta. No. 1. Ohio, 1909"**	**40 43 46.0**	**84 14 33.0**
Kempton. *Azimuth of railroad, 267° 26′*	40 43 25 6	84 13 27.6
Kempton, crossroads 0.5 mile south of	40 42 52.9	84 13 23.3
T. 4 S., Rs. 5 and 6 E., cor. of secs 7, 12, 13, and 18	40 42 01.9	84 13 22.7
T. 4 S., Rs. 5 and 6 E., cor. of secs. 13, 18, 19, and 24	40 41 09.6	84 13 22.3
T. 4 S., Rs. 5 and 6 E., cor. secs. 19, 24, 25, and 30; T rd. w.	40 40 17.4	84 13 21.9
T. 4 S., R. 6 E., quarter corner between secs. 29 and 30	40 39 51.6	84 12 13.0
Hume, crossroads 0.5 mile south of. *Azimuth of Lake Erie & Western Ry. at Hume is 228° 45′*	40 39 12.2	84 12 12.4
T. 5 S., R. 6 E., corner of secs. 7, 8, 17, and 18	40 36 48.8	84 12 11.2
T. 5 S., R. 6 E., cor. of secs. 17, 18, 19, and 20; T road east	40 35 56.3	84 12 10.7
T. 5 S., R. 6 E., quarter corner between secs. 19 and 20	40 35 29.9	84 12 10.4
Wapakoneta, crossing of Blackhoof and Auglaize Streets.	40 34 14.6	84 11 46.2
Wapakoneta, Piqua pike at crossroads 1 mile south of	40 33 18.8	84 11 55.7
Schoolhouse, crossroads at	40 32 00.2	84 12 09.3
T road west	40 31 07.7	84 12 09.1
Schoolhouse, road east one-third mile northeast of	40 30 41.3	84 12 13.0
Buckland, 1.5 mis. e. of, at s. e. cor. of +roads, 35 ft. w. & 10 feet north to center of crossroads; iron post stamped **"Prim. Trav. Sta. No. 5. Ohio, 1909"**	**40 37 40.1**	**84 14 08.6**
T. 5 S., Rs. 5 & 6 E., near cor. of secs.1, 6, 7, & 12; T rd. n.	40 37 40.1	84 13 19.8
T. 5 S., R. 6 E., near corner of secs. 5, 6, 7, and 8, near church and schoolhouse; crossroads	40 37 41.4	84 12 11.9

Lisbon (Salem) **Quadrangle**

At Lisbon along the Erie Ry. (Niles and Lisbon Br.)

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Lisbon, st. +ing of E. Ry.(Niles-Lisbon Branch) just s. of.	40 46 16.5	80 45 27.4
Near east border of quadrangle south along highways		
T road s., 90 feet west to e.-w. road crossing, on Erie Ry.	40 59 17.8	80 45 49.2
T. 16 N., R. 3 W., cor. of secs. 1, 2, 11, & 12, at crossroads	40 58 21.5	80 45 49.5
T. 16 N., R. 3 W., cor. of secs. 11, 12, 13, & 14, at + rds., 21 ft. s. e. to mail box, 18 ft. s. w. to west end of culvert	40 57 29.8	80 45 50.3
T. 16 N., R. 3 W., crossroads at schoolhouse, corner of secs. 13, 14, 23, and 24	40 56 38.0	80 45 50.8
T. 16 N., R. 3 W., cor. of secs. 23. 24, 25, and 26	40 55 46.1	80 45 51.4
Schoolhouse, T rd. w., at 14 ft. n. to e. end of stone culvert, 21 feet northwest to west end of culvert	40 55 01.3	80 45 52.0
Washingtonville, Main Street crossing on Erie Ry.	40 54 02.6	80 45 50.5

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	° ′ ″	° ′ ″
Leetonia, 0.5 mi. n. w. of, in s. w. corner of city reservoir grounds, + cut on stone foundation of left side of ventilator bears N. 52° 10′ E., dist. 50.3 ft; +cut on n. e. cor. of found'n to Mont Stover's resd. bears S. 89° W., dist. 106.4 feet; iron post stamped "**Prim. Trav. Sta. No, 44**"..	**40 53 14.4**	**80 45 52.8**
Leetonia, n.-s. rd. +ing on Penn. Ry. at Salem Iron Works	40 52 22.7	80 45 53.6
Leetonia, +roads 2.5 mi. s. of, 24 feet southwest to guidepost, 39 feet southeast to mail box.....	40 51 03.0	80 45 54.3
T. 15 N., R. 3 W., corner of secs. 23, 24, 25, and 26.....	40 50 33.7	80 45 54.5
Crossroads at schoolhouse, T. 15 N., R. 3 W., corner of secs. 25, 26, 35, and 36.....	40 49 40.8	80 45 54.9
Tps. 14 & 15 N., R. 3 W., cor. of secs. 1, 2, 35, & 36, at + rds.	40 48 48.7	80 45 55.0
Lisbon, 1.5 mi. n. of; T road w., 0.25 mi. w. of cov. bridge, 21 ft. n. w. to corner fence post, 31 feet southeast to mail box.	40 47 56.2	80 45 38.8
Lisbon, +roads 0.25 mi. n. e. of, 30 feet northwest to + on tel. pole 42 feet southeast to water trough.....	40 46 51.9	80 45 47.4

Near south border of quadrangle west along highways

	° ′ ″	° ′ ″
Lisbon in s. w. cor. of eastmost park, e. cor. of found. to mounted gun bears N. 79° 15′ W., dist. 78.8 ft.; bronze tab. in n. e. cor. of courthouse bears S. 48° 05′ W., dist. 119.9 ft.; iron post stamped "**Prim. Trav. Sta. No. 45**"..	**40 46 20.3**	**80 46 04.6**
T. 14 N., R. 3 W., cor. of secs. 15, 16, 21, and 22.....	40 46 12.3	80 48 13.6
Lisbon, 2.5 mi. w. of; T rd. s., 39 ft. s. w. to P. Joseph's mail box, 39 ft. e. to large white oak tree.....	40 46 07.0	80 48 59.7
T. 14 N., R. 3 W., cor. of secs. 17, 18, 19, and 20, at crossroads, 18 ft. n. e. to mail box, 36 ft. s. e. to 4-mile post	40 46 12.5	80 50 30.0
Lisbon, 5.5 mi. w. of, in s. w. cor. of Charles Miller's stable lot, cross on s. w. cor. of found. to resid. bears N. 56° 20′ E., dist. 111 ft.; cross on s. w. cor. of stable found. bears S. 66° E., distant 106 ft., cemented in sandstone post; alum. tab. stamp. "**Prim. Trav. Sta. No. 47**"	**40 45 55.9**	**80 51 56.8**
Hanoverton, T rd. 3 mi. n. e. of, 46 ft. n. e. to guidepost, 10 ft. south to cross on fence post.....	40 45 58.4	80 52 42.6
Hanoverton, crossroads 2.5 mi. e. of, 18 ft. s. to mail box, 24 ft. n. w. to mail box.....	40 45 47.1	80 53 36.7
Hanoverton, 1.25 mi. e. of T rd. n., 53 ft. n. e. to telephone pole, 36 ft. n. w. to cross on rail fence.....	40 45 21.0	80 54 11.6
Hanoverton, crossing of Canal and First Sts., 60 ft. n. e. to s. w. cor. of Wilhelm Hotel, 241 ft. n. w. to lamp post..	40 45 03.7	80 56 12.7

Near west border of quadrangle north along highways

	° ′ ″	° ′ ″
J. C. Thomas's field, in n. w. cor. of, on e. side of n.-s. rd., and just s. of rd. to e., cross on n. e. cor. of found. to Thomas's residence bears N. 66° W., distant 54.5 ft.; nail in w. face of locust tree on e.-w. fence line bears N. 87° 10′ E., dist. 117.6 ft., in top of sandstone post; alum. tab. stamped "**Prim. Trav. Sta. No. 48**"	**40 45 38.3**	**80 59 58.3**
Road w., 18 ft. n. to guidepost, 24 ft. s. to corner stone	40 46 14.6	80 59 43.3
T. 16 N., R. 5 W., cor. of secs. 11, 12, 13, and 14, T. rd. e., 15 ft. n. w. to fence post, 27 ft. n. e. to guidepost.....	40 47 06.6	80 59 38.8

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	° ′ ″	° ′ ″
T. 16 N., R. 5 W., cor. of secs. 1, 2, 11, and 12, T rd. e. at schoolhouse	40 47 59.0	80 59 38.4
New Alexander, crossroads 2 mi. n. of, 39 ft. s. w. to guidepost, 9 ft. e. to stone in center of east-west road	40 48 50.1	80 59 32.0
North Georgetown, crossroads 1 mi. s. of, 28 ft. n. e. to e. end of stone culvert, 30 ft. n. w. to + on tel. pole	40 49 42.6	80 59 20.7
North Georgetown crossroads, 30 ft. s. w. to guidepost, 32 ft. n. w. to American Hotel signpost	40 50 35.2	80 59 10.1
Section cor. stone to e. side of secs. 14 and 23, T. 17 N., R. 5 W.; T road west at	40 51 28.0	80 59 39.0
T. 17 N., R. 5 W., cor. secs. 11, 12, 13, and 14, + rds. at stone	40 52 20.4	80 59 39.1
T rd. e., 33 ft. s. e. to n. w. cor. of schoolhouse, 19 ft. n. e. to north end of culvert	40 53 13.2	80 59 39.0
Westville, on land of R. F. Randolf, n. w. cor. of Randolf stable bears S. 25° E., distant 15.2 ft., n. w. cor. of tile found. to blacksmith shop bears N. 59° 40′ W., dist. 65 ft.; iron post stamped **"Prim. Trav. Sta. No. 49"**	**40 54 08.0**	**80 59 38.8**
Beloit, north-south road crossing on Pennsylvania R. R.	40 55 14.7	80 59 37.6
T. 18 N., R. 5 W., cor. secs. 23, 24, 25, and 26, T rd. w	40 55 50.0	80 59 37 4
T. 18 N., R. 5 W., near cor. secs. 13, 14, 23, and 24, crossroads, 31 ft. n. e. of cross on telephone pole, 22 ft. n. w. to cross on milk platform	40 56 42.1	80 59 37.2
Snodes sta., T. 18 N., R. 5 W., cor. of secs. 11, 12, 13, and 14, road crossing on Pennsylvania R. R	40 57 34.3	80 59 37.0
T. 18 N., R. 5 W., cor. of secs. 1, 2, 11, and 12	40 58 26.5	80 59 36.9
T. 18 N., R. 5 W., n. cor. of secs. 1, and 2, at T rd. south	40 59 16.2	80 59 36.8
Christie's pottery, crossroads at, 42 ft. s. w. to mail box, 39 ft s. e. to cross on telephone pole	40 59 59.4	80 59 08.9

Logan Quadrangle

Near Junction City along Cincinnati & Muskingum Valley Ry. and B. & O. Ry.

Stations	Latitude	Longitude
Milepost 42, 0.33 mile east of, road crossing	39 43 23.5	82 16 43.8
Junction City, near Stalzenbach & Harris's store, on n. line between C. & M. V. Ry. and property of Junction City, s. w. cor. of store bears N. 26° 50′ W., distant 78.9 ft.; n. rail of track at road crossing bears S. 43° 45′ W., dist. 53 ft.; iron post stampted **"Prim. Trav. Sta. No. 66, 1905"**	**39 43 13.4**	**82 17 57.0**
Milepost 13, road crossing of B. & O. Ry	39 43 24.6	82 20 00.6
McElroys, 1 mile south of, rd. +ing at spur of B. & O. Ry.	39 44 00.8	82 20 19.3
McElroys station, road crossing of B. & O. Ry	39 44 57.3	82 19 53.2

London Quadrangle

Near east border of quadrangle north along highways

Stations	Latitude	Longitude
Roads, north, east, and south	39 45 11.9	83 15 11.1

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Loubgert Creek, bridge over, (on West Columbus quad.)	39 47 09.3	83 14 53.1
Wrightsville-Kiousville pike (Georgeville), 300 feet east of W. McNeff's house	39 48 58.2	83 16 26.2
Wrightsville, crossroads, (on West Columbus quad.)	39 51 39.3	83 14 52.2
Lilly Chapel-Georgeville road and road north	39 53 13.0	83 15 06.1
Lilly Chapel-Georgeville and West Jefferson crossroads	39 55 51.3	83 16 54.4
West Jefferson, 0.5 mi. east of; national pike, +roads on	39 56 45.4	83 15 14.0
Road east	39 58 24.9	83 15 36.0
Schoolhouse, road southwest	39 59 53.5	83 15 50.9

West Jefferson to London via Pittsburgh, Cincinnati, Chicago & St. Louis Ry.

Pike and telephone road crossing	39 57 16.8	83 15 16.6
West Jefferson station, road crossing	39 56 48.6	83 16 08.9
West Jefferson, national road crossing	39 56 40.3	83 16 23.9
Milepost 19, 350 feet west of; north-south road crossing	39 55 08.5	83 20 34.5
Milepost 20, 100 feet east of; north-south road crossing	39 54 49.1	83 21 31.0
Milepost 22, 0.25 mile west of; north-south road crossing	39 54 01.7	83 23 48.4
London, crossing of Big Four Route	39 53 04.7	83 26 33.5

Near London along Cleveland, Cincinnati, Chicago & St. Louis Ry.

London, road crossing west of station	39 53 03.2	83 26 45.6
London, High Street crossing	39 53 01.5	83 27 08.8

Near north border west along highways

West Jefferson, 4 mi. n. of; T road s. west at schoolhouse	39 59 53.5	83 15 50.9
T road northeast	39 59 17.7	83 17 02.5
Cregor schoolhouse, T road southwest	39 59 54.6	83 17 30.9
T road northeast	39 58 50.4	83 19 39.3
Gillivan postoffice, crossroads	39 59 19.0	83 20 13.4
Little Darby Creek, center of bridge	39 58 18.4	83 21 23.8
Urbana pike and pike northeast-southwest, crossing of	39 57 59.7	83 21 45.5
Deer Creek on Jefferson-Monroe twp. line; stone monument	39 58 15.3	83 22 15.4
Road north	39 58 29.6	83 22 42.0
Crossroads	39 58 46.6	83 23 32.0
Schoolhouse, crossroads	39 59 35.6	83 25 14.3
Road southeast	39 59 14.8	83 29 52.1
Summerford, crossroads	39 56 01.5	83 29 30.9

Near west border of quadrangle south along highways

South Charleston-London pike, T road north	39 52 10.6	83 29 40.9
Pennsylvania R. R., north-south road crossing	39 52 02.1	83 29 37.2
Union-Paint township line, stone monument	39 51 09.5	83 29 45.7

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T road north	39 50 34.5	83 29 49.1
Newport, intersection of pike 0.5 mile north of	39 50 59.3	83 27 57.6
Newport, Fayette pike and street crossing	39 50 06.7	83 27 54.9
Fayette pike and London road, intersection of	39 47 22.2	83 28 28.7
Creighton schoolhouse, T road east	39 45 20.1	83 28 53.8
Sedalia, cross streets (on Mt. Sterling quad.)	39 44 00.5	83 28 36.7

Lorain (see Oberlin) Quadrangle

Loramie Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
Chickasaw, Main Street crossing	40 26 13.7	84 29 50.2
Maria Stein station, road crossing	40 24 28.2	84 29 35.5
T. 7 S., R. 3 E., corner of secs. 26, 27, 34, and 35	40 23 35.3	84 29 36.4
Tps. 7 and 8 S., R. 3 E., corner of secs. 2, 3, 34, and 35	40 22 42.7	84 29 36.6
Northeast cor. of T. 12 N., R. 3 and 4 E., cor. of secs. 1, 6, 31, and 36; crossroads	40 21 16.0	84 29 42.5
Osgood station, street crossing 75 feet south of	40 20 24.0	84 29 42.0
Tps. 11 and 12 N., Rs. 3 and 4 E., secs. 7, 12, 13, and 18	40 19 31.8	84 29 42 7
T road west near schoolhouse	40 18 23.2	84 29 42.1
Road +ing about 500 ft. e. of quarter cor. 30, T. 11 N., R. 4 E	40 17 30.9	84 29 37.0

Through center of quadrangle west along highways

	° ′ ″	° ′ ″
Maria Stein, 2 mi. s. of, in s. e. cor. of found. of brdg. on e.-w. rd. 0.2 mi. e. of sec. cor.; aluminum tab. stamped **"Prim. Trav. Sta. No. 26. Ohio, 1909"**	**40 22 42.5**	**84 29 21.8**
Tps. 7 and 8 S., R. 3 E., cor. of secs. 1, 2, 35, and 36; +rds.	40 22 42.5	84 28 27.9
Tps. 7 and 8 S., Rs. 3 and 4 E., cor. of secs. 1, 6, 31, and 36; Mercer-Auglaize county line	40 22 42.3	84 27 19.1
Tps. 7 and 8 S., R. 4 E., cor. of secs. 5, 6, 31, and 32; Shelby-Auglaize county line; T rd. w.	40 22 42.4	84 26 01.8
Crossroads	40 22 29.2	84 24 53.2
Loramie, Catholic Church spire	40 21 04.5	84 22 17.4
Minster, cor. of secs. 26, 27, 34, and 35, T. 7 S., R. 4 E.; +sts.	40 23 35.5	84 22 35.4
Minster, 1 mi. e. of, in s. e. abut. of brdg. over ditch, 40 ft. w. and 10 ft. s. from cor. of secs. 25, 26, 35, and 36, T. 7 S., R. 4 E., at T rd. s.; aluminum tab. stamped **"Prim. Trav. Sta. No. 27. Ohio, 1909"**	**40 23 36.0**	**84 21 27.4**
T. 7 S., R. 4 E., e. cor. of secs. 25 and 36, Auglaize-Shelby county line; T rd. w.	40 23 36.6	84 20 18.7
T. 7 S., R. 5 E., w. cor. of secs. 30 and 31, Auglaize-Shelby county line; T rd. e.	40 23 37.7	84 20 18.7
T. 7 S., R. 5 E., cor. of secs. 29, 30, 31, and 32; T rd. n.	40 23 38.2	84 18 59.5

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T. 7 S., R. 5 E., cor. of secs. 28, 29, 32, and 33; +roads ..	40 23 39.4	84 17 50.4
T. 7 S., R. 5 E., cor. of secs. 27, 28, 33, and 34, near schoolhouse No. 6; T road south.....	40 23 39.7	84 16 42.0
Tps. 7 and 8 S., R. 5 E., cor. of secs. 3, 4, 33, and 34; T rd. e.	40 22 47.0	84 16 41.6
Tps. 7 and 8 S., R. 5 E., cor. of secs. 2, 3, 34, and 35; +rds.	40 22 48.0	84 15 32.9

Near south border of quadrangle west along highways

T. 9 N., R. 5 E., cor. of secs. 5, 6, 7, and 8; T rd. w	40 15 22.0	84 21 27.2
T. 9 N., R. 5 E., w. cor. of secs. 6 and 7; near +rds.....	40 15 21.4	84 22 35.3
T. 10 N., R. 4 E., e. cor. of secs. 1 and 12; near +rds....	40 15 21.6	84 22 35.3
T. 10 N., R. 4 E., cor. of secs. 1; 2, 11, and 12; T rd. n....	40 15 21.1	84 23 43.9
T. 10 N., R. 4 E., cor. of secs. 2, 3, 10, and 11; +rds.....	40 15 20.7	84 24 52.6
T. 10 N., R. 4 E., cor. of secs. 3, 4, 9, and 10, Shelby-Darke county line; T road east.....	40 15 20.4	84 26 01.5

Near north border of quadrangle west along highways

New Knoxville, 3 mi. e. and 1 mi. s. of, at s. w. cor. of +roads, 15 ft. n. and 25 ft. e. to cor. of secs. 26, 27, 34, and 35, T. 6 S., R. 5 E.; iron post stamped "**Prim. Trav. Sta. No. 6. Ohio, 1909**".....	**40 28 54.4**	**84 15 34.5**
T. 6 S., R. 5 E., cor. of secs. 27, 28, 33, and 34; T rd. n. (Shelby-Auglaize county line).....	40 28 54.4	84 16 42.7
T. 6 S., R. 5 E., cor. of secs. 28, 29, 32, and 33; T rd. s. (Shelby-Auglaize county line).....	40 28 53.5	84 17 51.5
T. 6 S., R. 5 E., cor. of secs. 29, 30, 31, and 32; +roads (Shelby-Auglaize county line).....	40 28 52.8	84 19 00.0
T. 6 S., R. 5 E., w. cor. of secs. 30 and 31; T rd. e. (n. w. cor. of Shelby county)	40 28 52.3	84 20 20.7
T. 6 S., R. 4 E., e. cor. of secs. 25 and 36; T rd. w.....	40 28 51.2	84 20 20.7
New Knoxville, 2 mi. s. w. of, n. e. cor. of schoolhouse No. 4; alum. tab. stamped "**918, Adj., 1905. Prim. Trav. Sta. No. 7. Ohio, 1909**"	**40 28 50.5**	**84 21 05.2**
T. 6 S., R. 4 E., cor. of secs. 25, 26, 35, and 36; +roads...	40 28 50.8	84 21 29.7
T. 6 S., R. 4 E., cor. of secs. 26, 27, 34, and 35; +roads...	40 28 50.6	84 22 37.8
T. 6 S., R. 4 E., cor. of secs. 27, 28, 33, and 34.....	40 28 50.4	84 23 46.9
St. Marys, 4 mi. s. of, in n. w. cor. of schoolhouse No. 1; alum. tab. stamped "**902 Adj., 1905. Prim. Trav. Sta. No. 8. Ohio, 1909**"	**40 28 49.9**	**84 23.51.5**
T. 6 S., R. 4 E., cor. of secs. 28, 29, 32, and 33; +roads...	40 28 50.2	84 24 55.4
T. 6 S., R. 4 E., cor of secs. 20, 21, 28, and 29; +roads...	40 29 42.8	84 24 55.6
T. 6 S., R. 4 E., cor. of secs. 29, 30, 31, and 32; +roads near schoolhouse No. 8.....	40 28 50.0	84 26 03.8
T. 6 S., R. 3 E., e. cor. of secs. 25 and 36; on Mercer-Auglaize county line.....	40 28 49.8	84 27 17.8
Montezuma, 3 mi. e. of, 25 ft. e. and 20 ft. s. to T rd. n.; iron post stamped "**Prim. Trav. Sta. No. 9. Ohio, 1909**".	**40 29 15.5**	**84 29 18.5**

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Loudonville Quadrangle

Near northeast corner of quadrangle

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Maple Grove School, road crossing	40 44 43.3	82 02 52.0
Spring Valley, 0.5 mi. s. e. of, road n.	40 43 51.4	82 01 26.1
Near west border of quadrangle north along highways		
South Loudonville sta., +sts. just w. of Main St. +ing on Penn. Ry. 35 ft. s. w. to tel. pole, 35 ft. n. w. to tree	40 38 08.7	82 14 26.7
Loudonville, near cen. of s. e. quar. of city park, 115 ft. e. of cen. of Market St., 150 ft. s. of cen. of Main St., n. w. cor. of First Presby. Church bears S. 21° 15′ E., dist. 188.6 ft.; n. e. cor. of First Baptist Church bears S. 68° 15′ W., dist. 103.3 ft.; iron post stamped "**Prim. Trav. Sta. No. 20. Ohio, 1907**"	**40 38 06.4**	**82 13 59.2**
Loudonville, n. edge of; +streets, 40 ft. s. w. to water trough, 30 ft. n. e. to maple tree	40 38 25.7	82 13 50.2
Loudonville, 1 mi. n. of, T rd. e., 40 ft. s. w. to apple tree, 30 ft. n. e. to telephone pole	40 39 10.5	82 13 39.3
Loudonville, 2 mi. n. of, angle of forks 300 ft. n. of brick schoolhouse, guidepost marked "Hayesville 8 mi., Loudonville 2 mi., Perryville 5 mi., McKay 3 miles"	40 40 04.2	82 14 03.6
Loudonville, 3 mi. n. of, triangle at 4 cors., guidepost marked "Hayesville 7 mi., Loudonville 3 mi., Mohican 4 mi., Tylertown 8 miles"	40 40 42.8	82 14 14.5
McKay, 0.6 mi. s. of, cen. of triangle at T road east	40 41 48.8	82 14 34.2
T. 20 N., R. 16 W., corner of secs. 11, 12, 13 and 14	40 41 48.8	82 14 26.2
McKay, +roads, 30 ft. s. w. to n. w. cor. of store, 12 ft. n. w. to s. e. corner of scale house	40 42 22.3	82 14 34.1
McKay, 1 mi. n. of, stone in cen. of road, at quar. sec. cor.	40 43 07.8	82 14 27.0
McKay, 1.25 mi. n. of, +roads, cen. of quadrangle formed by four stones set about 5 feet apart	40 43 32.8	82 14 27.2
Hayesville, 2.5 mi. s. e. of, cen. of triangle at road fork, 30 ft. n. w. to guidp'st mark. "Jeromes 5 mi., Loudonville 7 mi."	40 44 19.5	82 14 27.4
Wesley Chapel, 200 ft. n. e. of, cen. of triangle at four corners (on Perrysville quad.)	40 30 11.5	82 15 33.7
Wesley Chapel Cem,. at s. e. cor. of, w. of Danville-Loudonville road, 3.6 mi. n. e. to Greer, 4 mi. s. to Danville; iron post stamped "**Prim. Trav. Sta. No. 18. Ohio, 1907**" (on Perrysville quad.)	**40 30 10.0**	**82 15 34.3**
Killbuck to Glenmont via Cleveland, Akron & Columbus Ry.		
Killbuck, 1 mi. w. of, rd. +ing, 250 ft. e. to mi. post C 76	40 30 15.5	82 00 21.0
Killbuck, 1.5 mi. w. of station; road crossing	40 30 33.2	82 01 45.0
Milepost C 73, 1,000 feet east of; road crossing	40 30 28.0	82 03 17.9
Stone works, second-class road crossing at siding	40 30 42.7	82 04 20.5

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Glenmont, in n. e. cor. of grass plot at n. w. cor. of sta., 40 ft. n. of cen. of main track; iron post stamped "**Prim. Trav. Sta. No. 17. Ohio, 1907**"	**40 31 02.4**	**82 05 26.5**
Glenmont, 1 mi. w. of sta., 200 ft. w. to mi. post C 70; rd +	40 30 39.0	82 06 28.6
Steel trestle, near e. end of; cen. of track over road +ing	40 30 01.8	82 08 05.7
Near southwest corner of quadrangle		
Mohican R., highway bdg. over; rd. +ing about 500 ft. s. of	40 30 32.8	82 11 04.6
Edlam, Main St. crossing 75 feet south of station	40 31 21.2	82 11 59.9
Triangle at T road s., cen. of, 200 ft. w. of another T road s.	40 30 58.4	82 12 20.4
Greer, 1.5 mi. s. w. of postoffice, telephone pole and T. E. Greer's mail box in cen. of triangle at T road west	40 30 43.2	82 12 51.1
T road north, center of triangle	40 30 29.9	82 13 53.1
Near east border of quadrangle south along highways		
T road s. e., 5 ft. s. e. to cen. of tria., 40 ft. s. to guideboard "Millersburg 14 mi., Holmesville 7 mi., Wooster 7 mi.".	40 42 45.8	82 00 28.4
Shreve, 1 mi. n. of, +roads, 20 ft. n. w. to large maple tree, 30 ft. s. e. to dead mulberry tree	40 41 50.8	82 01 11.0
Shreve, 100 ft. e. of sta., Market St. +ing on Penn. Ry.	40 40 57.9	82 01 21.6
Shreve, 1 mi. s. of, T road s.; center of triangle, Wayne-Holmes county line	40 40 05.3	82 01 19.9
Shreve, 2 mi. s. of, cen. of tria. at forks of rd., 35 ft. s. to guidpst. "Holmesville 6 mi., Shreve 2 mi., Welcome 9 mi."	40 39 16.1	82 01 03.3
Shreve, 3 mi. s. of, +rds. 25 ft. s. w. to guideboard "Holmes 6 mi., Big Prairie 5 mi., Welcome 8 mi., Shreve 3.5 mi." 25 ft. n. w. to corner of wire fence	40 38 19.6	82 01 15.8
Shreve, 4 mi. s. of, 6 mi. west of Holmesville, guidepost at junc. of Holmesville-Loudonville rd. with rd. s. to Killbuck; iron post stpd. "**Prim. Trav. Sta. No. 23. O., 1907**"	**40 37 26.5**	**82 01 28.8**
Cen. of tria. at T rd. s., 30 ft. s. e. to Prim. Trav. Sta. No. 23	40 37 26.7	82 01 28.0
Hopewell Church, +rds., 25 ft. n. e. to s. w. cor. of cem. fence, 30 ft. s. e. to n. w. cor. of buggy shed, 80 ft. n. w. to s. e. cor. of church	40 36 20.7	82 01 28.8
Cen. of triangle at 3 cors., 450 ft. n. to iron brdg. over Paint Ck., 30 ft. n. e. to g'dboard "Millersburg 6 mi., Paint Vy. 1.5 miles, Holmesville 7 miles, Shreve 7 mi., Nashville 6 mi., Welcome 3 mi."	40 35 25.7	82 01 17.6
Welcome, 2 mi. n. of, e. end of watering trough at +rds., 50 ft. s. w. to g'dboard "Welcome 2 mi., Paint Vy. 1.5 mi., Millersburg 6 mi., Nashville 5 mi.," 25 ft. e. to hickory tree	40 34 36.2	82 01 17.4
Cen. of triangle at T rd. n., 40 ft. w. to g'dboard "Welcome 1 mi., Millersburg 6 miles, Paint Valley 2 miles, Shreve mi.," 40 ft. e. to hickory tree	40 33 29.0	82 00 56.4
Welcome, 130 ft. w. of Anderson's store, +rds., 40 ft. s. e. to bridge over Hog Run, 40 ft. s. w. to g'dpost "Killbuck 4 mi., Nashville 5mi., Glenmont 5 mi., Millersburg 6 mi."	40 32 47.4	82 01 21.1
Welcome, 1 mi. s. e. of, oak tree in cen. of tria. at rd. forks	40 32 00.1	82 00 49.5

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Through center of quadrangle east along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Loudonville, **Prim. Trav. Sta. No. 20. Ohio, 1907** .	**40 38 06.4**	**82 13 59.2**	....
Loudonville, 0.8 mi. e. of, cen. of e.-w. rd. at Ashland-Holmes county line	40 38 06.6	82 13 15.2	3,410
Loudonville, 1 mi. e. of, cen. of T rd. s	40 38 06.2	82 12 58.4	1,310
Lake Fork of Mohican River, cen. of steel bridge over	40 37 10.8	82 11 10.1	10,061
Philip Heffinger's res., T rd. e. just s. of, 20 ft. w. and 5 ft. s. to cor. fence post	40 36 25.1	82 11 24.0	4,748
T. 19 N., R. 15 W., quarter cor. between secs. 16 and 17	40 36 11.2	82 10 57.4	2,503
Nashville, 3 mi. w. by 0.5 mi. n. of; cen. of +rds.	40 36 10.7	82 10 11.1	3,581
T. 19 N., R. 15 W., quarter cor. between secs. 15 and 16	40 36 10.6	82 09 49.7	1,670
Nashville, 1.5 mi. w. by 0.8 mi. n. of; cen. of T rd. s., 10 ft. s. to mail box	40 36 31.5	82 09 16.0	3,349
T. 19 N., R. 15 W., quarter cor. between sec. 10 and 15	40 36 35.4	82 09 16.0	400
Nashville, in pub. school grounds; iron post stpd. **"Prim. Trav. Sta. No. 67. Ohio, 1910"**	**40 35 47.3**	**82 06 55.1**	**11,766**
Nashville, center of cross streets	40 35 48.1	82 06 50.2	398
Nashville, 1.5 mi. n. by 1 mi. e. of, cen. of n.e.-s. w. rd. at rd. e	40 37 01.4	82 05 44.4	9,001
Nashville, 2.5 mi. n. e. of, +ing of Loudonville-Holmesville rd. and Shreve-Nashville rd.; cen. of small bridge	40 37 27 8	82 05 22.1	3,177
T. 17 N., R. 14 W., n. e. cor. of sec. 8; T lane n.	40 37 28.0	82 04 20.3	4,780
T. 17 N., R. 14 W., n. e. cor. of sec. 9; T road n..	40 37 27.8	82 03 12.6	5,240
Prim. Trav. Sta. No. 23. Ohio, 1907	**40 37 26.5**	**82 01 28.8**	**8,017**

Lynn Quadrangle (Ohio-Ind.)

Prim. Trav. Sta. No. 40 to tie north of Noggle east along highways

Stations	Latitude	Longitude	Distance between stations
Hollandsburg, cross streets (on Richmond quad.)	39 59 54.8	84 47 35.4	.....
Glen Karn, 0.7 mi. n. of sta., 0.8 mi. e. of Ohio-Indiana State line, 20 ft. s. and 20 ft. w. to cen. of +rds., at s. w. cor. of schoolhouse yd.; iron post stpd. **"Prim. Trav. Sta. No. 40. Ohio, 1910"**	**40 01 11.4**	**84 47 51.9**	**7,851**
T. 11 N., R. 1 E., cor. of secs. 28, 29, 32, and 33; e.-w. rd. at fence line n.-s	40 01 10.0	84 46 50.4	4,787
T. 11 N., R. 1 E., cor. of secs. 27, 28, 33, and 34; e.-w. at rd. fence n.-s	40 01 09.4	84 45 42.1	5,316
Schoolhouse, cen. of T rd. s. at	40 01 09.1	84 45 20.0	1,720

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North along Ohio-Indiana State line

	° ′ ″	° ′ ″	Feet
T. 11 N., R. 1 E., west corner of fractional secs. 30 and 31; Ohio-Indiana State line	40 01 12.0	84 48 36.4	3,460
Tampico, center of crossroads	40 02 56.6	84 47 40.3	11,470
T. 11 N., R. 1 E., corner stone of secs. 7, 8, 17, and 18; crossroads at cemetery	40 03 49.8	84 47 57.5	5,541
T. 11 N., R. 1 E., west fractional corner of secs. 7 and 18; Ohio-Indiana State line	40 03 51.2	84 48 32.5	2,706
T. 11 N., R. 1 E., stone at west fractional corner of secs. 6 and 7	40 04 43.3	84 48 31.7	5,270
Tps. 11 and 12 N., R. 1 E., west corner of secs. 6 and 31; east-west road, State line	40 05 34.4	84 48 30.8	5,170
T. 12 N., R. 1 E., west corner of secs. 31 and 30; T road north, State line	40 06 26.8	84 48 29.6	5,303
T. 12 N., R. 1 E., west corner of secs. 19 and 30; T road east, State line	40 07 19.2	84 48 28.1	5,300
T. 12 N., R. 1 E., w. cor. of secs. 18 & 19; State line	40 08 11.8	84 48 26.8	5,310
T. 12 N., R. 1 E., 20 ft. n. by 20 ft. e. of w. cor. of secs. 7 & 18, at n. e. cor. of +roads, 3 mi. s. of Union City; iron post stamped "**Prim. Trav. Sta. No. 41. Ohio, 1910**"	**40 09 04.8**	**84 48 25.0**	**5,369**
T. 12 N., R. 1 E., w. corner of secs. 6 and 7; T rd. e. State line	40 09 57.3	84 48 23.8	5,311
Tps. 17 and 18 N., R. 1 W., east corner of secs. 1 and 36; T road west, State line	40 10 49.7	84 48 22.4	5,301
Union City, +ing of State line road and Pear St.	40 11 58.3	84 48 20.4	6,940
T. 13 N., R. 1 E., west corner of secs. 17 and 20; T road east, State line	40 13 26.3	84 48 18.3	8,901
T. 18 N., R. 1 W., east corner of secs. 13 and 24; T road west, State line	40 13 26.9	84 48 18.3	60
T. 13 N., R. 1 E., west corner of secs. 8 and 17; center of crossroads, State line	40 14 19.4	84 48 16.9	5,310
Union City, 3 mi. n. of, just s. of +roads at blacksmith shop, in n. e. cor. of concrete abut. of bridge; aluminum tablet stamped "**Prim. Trav. Sta. No. 42. Ohio, 1910**"	**40 14 44.1**	**84 48 16.2**	**2,502**
Blacksmith shop, center of T road east	40 14 45.9	84 48 16.2	180

Near northeast corner of quadrangle

Station	Latitude	Longitude
T. 13 N., R. 1 E., center of sec. 9; crossroads near	40 14 43.2	84 46 30.6

McClure Quadrangle

Near west border of quadrangle north along highways

Stations	Latitude	Longitude
Tps. 3 and 4 N., Rs. 7 and 8 E., cor. of secs. 1, 6, 31, & 36	41 15 15.1	83 59 52.1

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T. 4 N., Rs. 7 and 8 E., w. corner of sec. 19 and 30.....	41 16 59.4	83 59 54.0
T. 4 N., R. 7 E., w. cor. of secs. 7 and 18	41 18 44.4	83 59 56.0
Tps. 4 and 5 N., R. 7 E., w. cor. of secs. 6 and 31, at Grelton	41 20 30.1	83 59 58.2
T. 5 N., Rs. 7 and 8 E., corner of secs. 19, 30, 24, and 25..	41 22 14.9	83 59 57.7
T. 5 N., R. 7 E., west corner of secs. 7 and 18.....	41 23 59.3	83 59 57.0
Iron bridge over creek, center of; north-south road.....	41 25 59.1	83 59 56.0
T. 6 N., Rs. 7 and 8 E., corner of secs. 19, 30, 24, and 25..	41 27 26.9	83 59 55.6
T. 6 N., Rs. 7 and 8 E., corner of secs. 7, 18, 13, and 12...	41 29 11.3	83 59 55.2

Near north border of quadrangle west along highways

Waterville, 2 mi. w. of; crossroads at scholhouse, 44 ft. s. w. of guidepost, 48 feet southeast to iron pump.....	41 29 44.1	83 46 00.9
Waterville, 3.5 miles west of, on Waterville-Neapolis pike, T road north in, southeast cor. of field of John Lichales; iron post stamped "**Prim. Trav. Sta. No. 29, 1905**".....	**41 29 43.8**	**83 46 58.6**
Whitehouse, 1.5 mi. s. of, 4 mis. e. of Neapolis; +roads & school h., 44 ft. n. e. to school pump, 33 ft. n.w. to guide p.	41 29 43.1	83 48 26.6
Neapolis, 2.25 mi. east of; crossroads, 32 ft. southwest to Geo. Rapp's mail box, 23 ft. n.w. to n. e. cor. stone of culv.	41 29 42.6	83 49 36.0
Crossroads at schoolhouse, 28 ft. northwest to cross on cor. fence post, 39 feet southwest to S. Jewell's mail box...	41 29 42.0	83 50 44.6
Neapolis, road crossing of Wabash Ry.....	41 29 32.9	83 52 23.9
T. 6 N., R. 8 E., sec. 12, s. e. cor. of, in s. e. cor. of field of Mary A. Long; iron post stamped "**Prim. Trav. Sta. No. 30. 1905**"	**41 29 14.5**	**83 52 58.4**
T. 6 N., R. 8 E., cor. of secs. 11, 12, 13, & 14; stone at +roads	41 29 13.1	83 54 08.6
T. 6 N., R. 8 E., cor. of secs. 10, 11, 14, and 15; +roads, 29 ft. n. w. to H. Leneman's mail box, 36 ft. s. w. to board on small tree	41 29 13.1	83 55 18.1
T. 6 N., R. 8 E., cor. of secs. 9, 10, 15, & 16; stone at +roads	41 29 12.9	83 56 27.8
T rd. n., T. 6 N., R. 8 E., cor. of secs. 8, 9, 16, and 17, 22 ft. s. e. to F. C. March's mail box, 24 ft. s. to + on fence post	41 29 12.5	83 57 37.6
T. 6 N., R. 8 E., cor. of secs. 7, 8, 17, and 18; +roads, 36 ft. n. w. to mail box, 31 ft. s. w to cross on telephone pole	41 29 12.1	83 58 47.0

McConnellsville Quadrangle

Bishopville east to Roxbury along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Mountville, 0.8 mile w. of, forks 180 feet e. of bridge over creek; telephone pole in center of triangle	39 31 11.3	81 59 55.3
Mountville, w. edge of, T rd. n.; cen. of triangle, 35 ft. n. w. to southeast corner of schoolhouse.	39 31 05.4	81 59 07.8
Mountville, 0.5 mi. s. e. of; crossroads, 20 ft. w. to hickory tree, 80 ft. n. e. to corner of small dwelling	39 30 43.0	81 58 41.2
Moody school (No. 14), 150 ft. n. of, 400 ft. w. of cov. brdg. over Federal Creek, T rd. e.; Charlie Preu's mail box...	39 31 09.7	81 57 54.3

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	° ′ ″	′ ′ ″
Elliotts crossroads, 40 feet southwest to store door, 30 ft. north to corner of blacksmith shop	39 31 50.5	81 56 34.7
Elliotts +roads, 0.75 mi. n. e. of; 3 cor. rds. n. and e., 40 ft. s. e. to walnut tree, 20 feet n. e. to cor. of fence, 50 feet east to stream crossing	39 32 19.2	81 56 20.9
Elliotts +roads, 1.5 mis. n. e. of; rd. forks s. and s. w., 25 ft. s. w. to tel. pole, 25 ft. s. e. to clump of 4 mulberry trees	39 32 13.1	81 55 26.3
Westland, 1.3 mi. s. w. of; forks at top of hill, rds. s. and n. e., 20 ft. s. e. to tel. pole, 50 ft. s. w. to n. e. cor. of house	39 32 34.1	81 54 51.2
Penn-Marion, e.-w. township line; center of road	39 32 38.2	81 54 45.8
Westland, at n. e. cor. of Westland Grange hall (No. 121); iron post stamped **"Prim. Trav. Sta. No. 5. Ohio, 1907"**.	**39 33 01.7**	**81 53 47.9**
Wolf Creek, e. cor. of s. end of cov. bridge over, at roads n. e., n. w., and south	39 32 58.6	81 52 23.7
Pennsville, junc. of Washington & Columbus Sts., 40 ft. w. to cor. of store, 50 ft. n. to cor. of dwelling, 40 feet e. to locust tree	39 34 27.7	81 51 16.6
Pennsville, e. edge of, cupola of public schoolhouse	39 34 25.6	81 51 04.9
Pennsville, 0.5 mi. s. e. of, T. 9 N., R. 12 W., cor. secs. 1, 2, 11, and 12, T fence in field	39 34 14.0	81 50 49.6
Pennsville, 0.7 mi. s. e. of; T rd. s., 60 ft. s. e. to telephone pole in triangle., 30 ft. w. to cor. fence post	39 34 08.0	81 50 49.8
Road forks n. e., cen. of pike, 20 ft. n. w. to mail box, 30 ft. feet e. to cor. post of wire fence	39 33 47.8	81 49 49.0
Stockport, 1.5 mi. w. of, on top of ridge; crossroads 35 ft. n. e. to poplar tree, 90 ft. s. to cor. of dwelling	39 32 52.8	81 49 11.4
Stockport, west edge of, junc. of Main St. and Broadway; small pipe culvert	39 32 55.3	81 47 58.9
Stockport, U. S. Engineer Corps bench mark, in s. e. cor. of capstone to drawbridge pier of highway bridge over Muskingum River, marked "U S B □ M 657.66"	39 32 52.2	81 47 13.4
Stockport, 1.5 mi. s. e. of, second-class T rd. n. e., 20 ft. n. to cor. of house, 20 ft. northeast to corner of fence	39 31 55.2	81 46 20.4
Roxbury, ferry accross Muskingum River, 450 ft. n. of n. landing, in triangle at junc. of river road n. and rd. s. a-crossriver to Roxbury; iron post stamped **"Prim. Trav. Sta. No. 6. Ohio, 1907"**	**39 31 28.1**	**81 45 04.2**
From Roxbury west to McConnellsville		
Schoolhouse, 600 ft. e. of, T rd. to s. near top of hill; cen. of main road	39 39 10.8	81 45 11.9
Schoolhouse, 0.5 mi. w. of, public rds. n. w. and s. w.; cen. of triangle at forks, 20 ft. w. and 20 ft. n. to cor. fence post	39 39 04.9	81 45 52.2
Bridge over Fourmile Run, 270 ft. e. of; T rd. s., 15 ft. s. to center of bridge	39 38 45.9	81 46 01.8
T. 10 N., R. 11 W., e. side of sec. 8, bend of rd. to n. w.	39 38 49.6	81 46 59.8
McConnellsville, 3 mi. e. of, in angle at rd. forks, 70 ft. w. of s. w. cor. of McKendree Methodist Episcopal Church on the cen. rd.; iron post stamped **"Prim. Trav. Sta. No. 11. Ohio, 1907"**	**39 39 25.9**	**81 48 29.9**
McKendree Church, 0.9 mi. w. of; T rd. n., 15 feet n. e. to mail box, 20 ft. s. to plank fence	39 39 14.6	81 49 23.9

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	° ′ ″	° ′ ″
McConnellsville, s. e. cor. of veranda of Morgan Co. courthouse; iron post stamped "**Prim. Trav. Sta. No. 12, 1907**"	**39 38 57.2**	**81 51 09.6**
McConnellsville, cen. of +sts. 100 ft. s. w. of courthouse	39 38 56.5	81 51 11.2

McConnelsville to Portersville along highways

Malta, cen. of intersec. of Main and Bell Sts.....	39 38 52.0	81 51 35.1
Malta, rd. forks 300 ft. w. of sash and door factory, 40 ft. west to signpost.....	39 39 04.3	81 51 58.1
Malta, 3 mi. w. of, T rd. s., 60, ft. s. e. to signpost "Malta 3 mi., Pennsville 8 mi., Portersville 7 mi.," 40 ft. s. w. to cor. of rail fence.....	39 39 24.9	81 54 25.6
Joetown, T rd. e., 15 ft. w. to signboard "Morgansville, 3 mi., Tridelphia 3 miles, Malta 4 miles".....	39 40 01.7	81 55 29.3
Deerfield Church, 400 ft. s. e. of, near n. e. cor. of sec. 27, T. 9 N., R. 13 W.; cen. of rd. 350 ft. e. of +roads.....	39 39 48.0	81 57 14.9
Deerfield Church, 400 ft. s. of, +roads, 10 ft. w. to cen. of brdg., 15 ft. s. e. to mail box.....	39 39 48.2	81 57 19.2
Wolf Creek, 40 ft. n. e. of n. e. end of cov. brdg., rd. forks southeast and northwest, center of triangle.....	39 39 52.2	81 57 57.2
Portersville, 3 mi.' s. e. of, T rd. s; ford of small stream, 40 ft. n. w. to sign "Portersville 3 mi.," 40 ft. s. e. to tree	39 39 51.5	81 59 18.2
Portersville, 1.8 mi. s. e. of, in s. e. cor. of +roads; iron post stamped "**Prim. Trav. Sta. No. 13. Ohio, 1907**"...	**39 39 59.4**	**81 59 51.1**

Marengo Quadrangle

Near east border of quadrangle north along highways

	° ′ ″	° ′ ″	*Feet*
Cen. of +roads, Delaware-Licking Co. line.....	40 15 40.2	82 45 07.9	.....
Delaware, Knox, and Licking counties, junc. of.	40 16 37.5	82 45 03.4	5,811
Knox-Delaware county line, junc. of roads on..	40 17 03.1	82 45 01.4	2,608
Centerburg, 3 mi. w. of, center of T road north	40 18 30.6	82 45 38.1	.....
East Liberty, 2.5 mi. e. of, center of crossroads.	40 19 18.9	82 45 33.4	4,906
Peerless, 0.8 mi. s. e. of, n.-s. rd. crossing on T. & O. Central Ry.....	40 20 29.3	82 45 27.7	7,140
Morrow-Delaware Co. line, cen. of T road north.	40 21 00.4	82 45 17.2	3,260
Vails Corners, guidepost at.....	40 21 54.6	82 45 13.7	5,500
Crossroads, stone at cen. of, guidebd. "Marengo 6 mi., Chesterville, 3.5 mi., Cardington 7.5 miles"	40 28 29.7	82 45 26.0	.....
Center of northeast-southwest road at road east	40 29 22.5	82 45 05.3	5,580
Prim.Trav.Sta.No.59. Ohio,1910.(on Shauck quad.)	**40 30 21.56**	**82 44 44.04**	**6,203**

Through center of quadrangle west along highways

Marengo, 3 mi. s. e. of, e.-w. T. & O. C. rd. +ing	40 21 54.0	82 46 36.8	.....
Marengo, 3 mi. s. and 1 mi. e. of, cen. of +roads	40 21 44.6	82 47 31.2	4,300

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Pagetown, 0.5 mile east of, center of crossroads.	40 21 25.3	82 48 28.0	4,821
Bennington-Peru township line, stone in road at	40 21 29.0	82 50 24.2	9,007
Pagetown, 2 mi. w. of, in s. w. part of Hawkins schoolhouse yd., 30 ft. s. and 50 ft. w. to cen. of crossroads; iron post stamped **"Prim. Trav. Sta. No. 73. Ohio, 1910"**	**40 21 32.2**	**82 51 19.4**	**4,295**
Pagetown, 3.5 miles west of, cen. of T road north	40 21 38.1	82 53 04.6	8,180
White Hall schoolhouse, cen. of T rd. southeast.	40 22 01.4	82 54 28.1	6,883
T. 5 N., R. 18 W., n. e. cor. of sec. 1, s. w. cor. of Morrow county; stone	40 21 34.5	85 55 46.1	6,635
Leonardsburg, 2.5 mi. e. and 0.5 mi. s. of, junc. of n. e.-s. w. rd. at rd. w., 15 ft. s. to small telephone pole	40 21 04.8	82 56 30.9	4,596
Leonardsburg, n. end of, e.-w. rd. +ing Big 4 Rte.	40 21 26.2	82 59 20.1	13,283
Leonardsburg, in stone step of hardware store just s. e. of road crossing on Big Four Route; bronze tablet stamped "971"	40 21 25.7	82 59 19.9	52
Leonardsburg, 1 mi. s. w. of, rd. +ing on Big 4 Ry.	40 20 39.4	82 59 50.3	5,245
Near north border of quadrangle west along highways			
T road south (on Mt. Gilead quad.)	40 30 25.5	82 46 18.1	.....
Chestnut Grove Church, 1 mi. e. and 0.25 mi. n. of, center of T road north	40 29 51.9	82 46 20.2	3,400
Chestnut Grove Church, cen. of T road north	40 29 38.1	82 47 28.8	5,485
Cardington, 4 mi. e. of, 4 mi. s. of Mt. Gilead; center of crossroads	40 29 42.7	82 49 12.1	8,000
Cardington, 2.5 mi. e. of, 4 mi. s. of Mt. Gilead; cen. of crossroads	40 29 46.7	82 50 16.3	4,980
Cardington, 2.25 mi., east of, T lane south	40 29 50.3	82 51 09.1	4,099
Cardington, 1.25 mi. e. of, in n. e. cor. of stone abut. to brdg. just w. of + roads, 730 ft. e. of Olentangy River brdg.; alum. tab. stamped **"Prim. Trav. Sta. No. 60. Ohio, 1910"** (this tablet removed)	**40 29 55.9**	**82 52 26.6**	**6,021**
Cardington, main st. +ing on Big Four Route (on Mount Gilead quadrangle)	40 30 01.4	82 53 46.0	6,168
Cardington, 1.25 mi. w. of, cen. of T road north	40 29 59.4	82 55 10.8	6,556
T. 6 S., R. 17 E., south cor. of secs. 20 and 21	40 29 56.3	82 55 10.8	310
Crossroads (on Mt. Gilead quadrangle)	40 30 10.4	82 56 21.2	5,506
T. 6 S., Rs. 16 and 17 E., cor. of secs. 19, 24, 25, and 30, Marion-Morrow county line	40 29 59.4	82 57 30.0	5,432
Marion-Morrow county line, 0.25 mi. w. of cen. of crossroads	40 29 58.9	82 57 47.0	1,320
T. 6 S., R. 16 E., cor. of secs. 23, 24, 25, and 26	40 29 57.4	82 58 38.2	3,960
T. 6 S., R 16 E., cor. of secs. 22, 23, 26, and 27; crossroads at St. Johns Church	40 29 56.0	82 59 44.2	5,108
Claridon, 5.5 mi. s. of, 8 by 10 by 24 in. set 20 in. in ground at n. w. cor. of +roads, at St. Johns Church, 20 ft. s. by 25 ft. e. to cen. of +rds; tab. in stone stpd. **"Prim. Trav. Sta. No. 61. Ohio, 1910"**	**40 29 56.2**	**82 59 44.5**	**33**

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Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 6 S., R. 16 E., cor. of secs. 22, 23, 26, and 27, rd. e.-w. at church	40 29 56.0	82 59 44.2
Road east-west	40 29 29.7	82 59 44.6
T. 7 N., R. 18 W., cor. of lots 12, 9, 8, and 13, crossroads.	40 27 18.2	82 59 21.7
Westfield, ¼ mi. w. of, cen. of brdg. over Whetstone Riv.	40 25 56.8	82 59 13.2
Schoolhouse at turn south	40 23 48.8	82 59 40.7
Leonardsburg, 840 ft. n. e. of Big Four Route station	40 21 34.5	82 59 14.5
Leonardsburg, 1 mile southwest of, road crossing	40 20 39.4	82 59 50.3
Road northeast-southwest	40 19 58.3	82 59 53.5
Corner of lots 19, 12, 11, and 20	40 19 53.7	82 59 53.5

Marion Quadrangle

Owen to Harpster via Hocking Valley Ry.

Stations	Latitude	Longitude
Owen station, crossing 600 feet north of	40 31 13.2	83 09 28.6
Milepost 79 and 80, crossing halfway between	40 34 31.3	83 08 30.8
Marion station, 140 feet south of Main Street crossing	40 35 19.2	83 08 28.0
Marion, s. azimuth stone, 225 ft. n. of Big Four Route + ing, 45 ft. n. of tool house, between Y tracks and main line of H. V. Ry., limestone post, 40 x 7 x 6 in., set 40 in. in ground; bronze merid. tab. cemented in cen. of top. Dist. mark is spire of Catholic Church. *Azimuth of same is 259° 11′ 30″*	40 35 25.0	83 08 30.1
Crossing under railroad	40 38 01.5	83 10 25.1
Morral station, crossing 160 feet north of	40 41 12.4	83 12 45.6
T. 3 S., R. 14 E., quarter corner between secs. 33 and 34	40 44 17.6	83 14 44.8
Harpster station, (on Larue quad.)	40 44 20.4	83 15 04.2

Near west border of quadrangle north along highways

T. 5 S., R. 14 E., quarter cor. between secs. 15 and 16	40 36 28.8	83 14 47.0
T. 5 S., R. 14 E., cor. of secs. 3, 4, 9, and 10	40 37 47.1	83 14 46.1
Tps. 4 and 5 S., R. 14 E., quarter cor. between secs. 3 & 34	40 38 39.3	83 14 11.1
T. 4 S., R. 14 E., sec. 35, point on pike n. w. and s. e.	40 38 54.7	83 13 13.4
Schoolhouse, near rd. crossing e.-w.,	40 40 23.9	83 13 55.7
Crossing, e.-w. rd. with Harpster and Marion rd	40 42 08.4	83 14 53.1

Near east border of quadrangle south along highways

Crawford-Marion county line, rd. e.-w.	40 42 11.1	83 00 15.6
Kirkpatrick, rd. e.-w	40 41 18.9	83 00 30.7
T. 4 S., R. 16 E., cor. of secs. 21, 22, 28, and 27; rd. e.-w.	40 40 26.3	83 00 53.0
Crossroads	40 39 07.4	83 01 08.7

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Erie R. R. crossing. *Azimuth 248° 04'*	40 37 05.3	83 01 44.8
T. 5 S., R. 16 E., quarter cor. between secs. 15 & 10 +rds.	40 36 56.8	83 00 18.4

Marysville (see Milford Center) Quadrangle

Mason Quadrangle

Camp Ground to Foster via Pennsylvania R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Camp Ground station	39 15 18.2	84 16 47.5
Loveland, rd. crossing	39 16 00.6	84 15 31.9
Road crossing n. and s	39 16 51.3	84 15 35.1
Road crossing under trestle	39 18 27.7	84 15 23.5
Foster, rd. crossing at	39 19 19.0	84 15 03.4
Near north border of quadrangle west along highways		
T rd. south	39 29 31.1	84 16 23.8
T rd. north	39 29 35.6	84 17 32.3
Crossroads	39 29 36.5	84 19 00.3
Blue Ball, crossroads	39 29 37.3	84 20 09.8
T rd. west	39 28 25.8	84 20 32.4
Cincinnati, Lebanon & Northern Ry., rd.crossing on	39 28 29.7	84 21 49.4
T. 2 E., R. 4 N., cor. of secs. 20, 26, 25, and 19	39 28 34.2	84 23 45.2
Electric-Railway crossing	39 28 51.7	84 25 09.8
Trenton, crossing of State Street on C. H. & D. Ry.	39 28 52.2	84 27 10.4
Tps. 2 and 3 N., Rs. 3 and 4 E., cor. of	39 28 50.6	84 28 36.4
Tps. 2 and 3 N., R. 3 E., cor. of secs. 1, 2, 35, and 36	39 28 49.4	84 29 44.2
Near west border of quadrangle north along highways		
T. 3 N., R. 1 E., cor. of secs. 4, 5, 10, & 11; Sullivan rd., e.	39 15 28.9	84 28 09.7
Springdale, Banklick rd., e.-w.	39 17 13.8	84 29 04.9
Butler-Hamilton county line, rd. e.	39 18 06.9	84 29 04.9
Jones, rd. crossing on C. H. & D. Ry.	39 19 20.3	84 29 37.5
Flockton, rd. crossing on Pennsylvania R. R.	39 21 08.7	84 29 25.6
Hamilton-Princeton pike, e.-w.	39 23 22.9	84 28 48.6
Flenners Corners, rd. n. e.-s. w.	39 24 58.1	84 28 29.9
Wooddale, rd. intersection	39 25 58.4	84 28 31.5
Trenton, 1 mi. w. of; Tps. 1 & 2, 2 & 3 N., Rs. 3 & 4 E.,	39 28 51.0	84 28 35.8
Tps. 2 and 3, Rs. 3 and 4 E., cor. of secs. 25, 30, 31, & 36	39 29 43.3	84 28 36.5

Massillon Quadrangle

Orrville to Massillon via Wheeling & Lake Erie R. R.

Stations	Latitude	Longitude
Burton City station	40 50 36.5	81 42 11.1

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Dalton station	40 48 02.0	81 41 14.2
Pocock mine junction	40 48 20.7	81 38 42.9
Sippo station, road crossing 325 feet west of	40 48 56.4	81 36 04.9
Sherwood flag station, road crossing at	40 48 19.8	81 33 16.9
Massillon, crossing of W. & L. E. and B. & O. Rys	40 47 43.5	81 31 46.3
Massillon, East St. crossing on Pennsylvania Ry	40 47 32.4	81 31 00.2
Near Massillon		
T rd. e., 24 ft. n. e. to cor. fence post, 24 ft. s. e. to guidepost	40 45 12.1	81 32 49.4
Navarre, 2.25 mi. n. of, 26 ft. n. w. to rd. +ing, e. of W. & L. E. Ry.; iron post stpd. "Prim. Trav. Sta. No. 36. Ohio, 1906"	40 45 08.1	81 31 54.0
Columbia station	40 46 50.4	81 31 10.2
Massillon, crossing of W. & L. E. and B. & O. railroads	40 47 43.5	81 31 46.3

Maumee Bay Quadrangle

Ironville to Trowbridge via Wheeling and Lake Erie R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Ironville station, crossing at	41 40 19.0	83 29 04.5
Booth station, crossing east of	41 38 16.9	83 24 50.0
Curtice, crossing 1,000 feet east of	41 37 04.7	83 22 06.2
Trowbridge, crossing 150 feet east of	41 34 46.8	83 16 50.5
Walbridge to Lemoyne via Hocking Valley Ry.		
Walbridge, first crossing south of	41 34 36.4	83 29 37.4
Lemoyne, crossing 2 miles north of	41 31 19.5	83 28 50.0
Lemoyne, crossing of pike at (on Elmore quad)	41 29 45.2	83 28 26.2

Maysville Quadrangle

Ripley southeast to Aberdeen via river road

Stations	Latitude	Longitude
Ripley, cen. of Main st. at crossing of O. R. & C. Ry	38 44 43.2	83 50 45.7
Ripley, 1.2 miles s. by 1 mile e. of; center of bridge	38 43 37.7	83 49 48.4
Ripley. 1.8 mi. s. by 1.2 mi. e. of; cen. of steel brdg. over Eagle Creek	38 43 14.8	83 49 30.7
Damson orchard, telephone pole at forks of road	38 42 28.5	83 48 26.5
O'Connor, 500 ft. n. of schoolhouse No. 3; cen. of T road w.	38 41 24.0	83 46 15.6
Aberdeen north to Hickory Ridge Church along highways		
Aberdeen, cen. of crossing of Market and Third streets	38 39 19.9	83 45 42.4

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	° ′ ″	° ′ ″
Aberdeen, 0.5 mi. n. of, on e. side of pike just n. of rd. to n. e., 35 ft. s. and 25 ft. w. to cen. of forks, 60 ft n. to s. end of steel bridge over Fishgut Creek; iron post stpd. **"Prim. Trav. Sta. No. 20. Ohio, 1910"**.....	**38 39 42.0**	**83 45 40.8**

Mechanicsburg Quadrangle

Near north border of quadrangle west along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Marysville-North Lewisburg pike, road n. e. at Broderick's Cemetery, 20 ft. n. to cor. fence post	40 13 42.1	83 30 00.6	.....
Center of pike at road north.....	40 13 40.4	83 31 22.4	6,346
North Lewisburg, Sycamore St. +ing on Erie Ry.	40 13 26.1	83 33 23.2	9,480
Champaign-Logan county line stone.....	40 13 47.0	83 33 33.2	2,246
T lane northeast.....	40 14 31.5	83 34 12.1	5,423
Union Chapel, 1 mi. s. e. of, at n. side of +roads, 20 ft. w. by 20 ft. s. to center of +roads; iron post stpd. **"Prim. Trav. Sta. No. 95. Ohio, 1910"**	**40 14 05.6**	**83 37 26.2**	...
Champaign-Logan county line stone.....	40 14 03.7	83 37 25.5	195
Union Chapel, cross pikes at.....	40 14 46.2	83 37 43.2	4,515
Union Chapel, 1 mile southwest of; T road n. w..	40 14 09.6	83 38 41.9	5,869
Salem-Wayne township line, stone	40 14 11.1	83 39 51.6	5,409
T road north.....	40 14 01.1	83 41 04.0	5,702
Schoolhouse No. 8, crossroads at.....	40 13 43.7	83 42 27.9	6,741
West Liberty, 1.5 mi. e. and 1 mi. s. of, at s. e. cor. of +rds., 20 ft. n. & 20 ft. w. to cen. +rds.; iron post stpd. **"Prim. Trav. Sta. No, 96. Ohio, 1910"**.	**40 14 04.2**	**83 43 39.6**	**5,932**
T. 5, R. 13, cor. of secs. 14, 15, 20, & 21, 10 ft. n. by 20 ft. e. to Champaign-Logan co. line stone.	40 14 29.8	83 43 37.5	2,590

Near west border of quadrangle south along highways

T road north.....	40 13 11.0	83 43 45.3	....
T. 5, R. 13, quarter corner south side of sec. 19.	40 12 47.2	83 44 22.9	3,795
T. 5, R. 12, quarter corner between secs. 23 & 24	40 11 54.7	83 44 28.2	5,340
T road east at schoolhouse.....	40 11 37.2	83 44 29.9	1,790
T. 5, R. 12, cor. of secs. 16, 17, 22, & 23; T road s..	40 11 00.3	83 43 57.6	4,504
T. 5, R. 12, cor. of secs. 15, 16, 21, & 22; +rds at cem.	40 10 10.2	83 44 04.5	5,108
T road east	40 09 18.0	83 44 10.0	5,310
T. 5, R. 12, corner of secs. 13, 14, 19, and 20.....	40 08 26.0	83 44 15.6	5,290
T. 5, R. 12, south corner of secs. 13 and 19.....	40 07 32.6	83 44 20.9	5,430
Urbana, 3,500 ft. e. of soldiers' mon. in public sq., 27 ft. n. and 45 ft. w. to cen. of T st.; iron post stamped **"Prim. Trav. Sta. No. 99. Ohio, 1910"**.	**40 06 26.5**	**83 44 23.5**	**6,700**
T. 5, R. 11, quar. cor. between secs. 16 & 17; T rd. w.	40 05 45.3	83 43 57.7	4,626
T. 5, R. 11, quar. cor. between secs. 15 and 16...	40 04 52.1	83 44 02.8	5,399
T. 5, R. 11, quar. cor. between secs. 14 & 15; +rds.	40 04 00.4	83 44 08.2	5,248

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T road east	40 03 08.3	83 44 13.8	5,299
T. 5, R. 11, quar. cor. s. side of sec. 13; T road n.	40 02 16.0	83 44 20.0	5,320
T. 5, Rs. 10 and 11, stone corner of secs. 7 13, 12 and 18, at turn in road	40 02 13.7	83 43 45.2	2,719
T. 5, R. 10, stone corner of secs. 11, 12, 17, and 18; Champaign-Clark county line	40 01 21.6	83 43 50.3	5,290
T. 5, R. 10, cor. of secs. 10, 11, 16, & 17; T road west	40 00 29.4	83 43 56.0	5,300
Through center of quadrangle east along highways			
Urbana, 1 mi. e. of, 20 ft. n. to tel. pole; fork of rd.	40 06 24.3	83 43 45.7	....
Carnegie schoolhouse No. 7, crossroads at	40 06 23.8	83 42 44.0	4,793
T. 5, R. 11, cor. of secs. 5, 6, 11, and 12	40 06 30.7	83 42 09.0	2,813
T. 5, R. 11, east corner of secs 5 and 6	40 06 25.7	83 40 57.4	5,590
Intersection of Ludlow pike with Urbana-Milford center pike	40 06 26.8	83 40 04.6	4,107
Road north	40 06 45.4	83 38 44.8	6,486
T road south	40 06 35.1	83 37 50.1	4,379
Mutual, about 2.25 mi. n. e. of, at n. e. cor. of T rd. n., 20 ft. w. & 10 ft. s. to cen. of T rd.; iron pst. stamped "**Prim. Trav. Sta. No. 101. Ohio, 1910**"	**40 06 17.1**	**83 36 47.5**	**5,196**
Union-Goshen township monument; T road north	40 06 08.7	83 35 48.7	4,650
Mechanicsburg, 2 miles northwest of; crossroads	40 05 48.6	83 34 46.9	5,213
Center of 5 rds., 15 ft. s. by 10 ft. e. to guidepost	40 06 04.0	83 32 35.1	10,368
T road northwest	40 06 45.9	83 31 14.8	7,543
Champaign-Union county line stone	40 07 12.2	83 30 11.3	5,613
T road northwest	40 07 15.6	83 30 04.6	620
Near east border of quadrangle			
Crossroads	40 04 15.1	83 30 12.7	....
T road northeast	40 03 40.9	83 30 38.8	4,008
Madison-Champaign county line stone, 15 feet n. by 35 feet east of center of T road	40 02 37.4	83 30 41.6	6,386

Medina Quadrangle

Seville to Grafton triangulation station of the U. S. Lake Survey via B. & O. Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Seville station	41 00 30.5	81 51 49.5
Road crossing 2,340 ft. s. of milepost 39	41 02 39.8	81 53 03.0
Flag station 400 ft. s. of milepost 37	41 04 37.6	81 53 38.8
Road crossing 250 ft. n. of milepost 34	41 07 16.1	81 53 02.3
Medina station	41 08 18.8	81 52 23.3
Road crossing 2,150 ft. s. of milepost 29	41 10 01.9	81 55 12.2

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Lester station	41 10 48.2	81 56 30.5
Erhart station	41 11 55.2	81 58 20.1
Grafton △ station, 0.5 mi. s. e. of; crossing on B. & O. Ry., near four corners	41 12 25.9	81 59 02.2
Grafton triangulation sta. of United States Lake Survey.	41 12 43.97	81 59 36.96
Grafton, four cors. 1 mi. n. w. of, 31 ft. n. e. to nail in mail box post, 34 ft. w. to nail in telegraph pole (on Wellington quad.)	41 13 20.0	82 00 13.2

Near north border of quadrangle east along highways

Four cor., 45 ft. s. e. to cor. of hedge fence, 50 ft. n. w. to cor. fence post mrkd. with brass tacks. (on Wellington quad.)	41 14 13.8	82 00 11.8
Lorain and Medina counties, rd. to n. between; three cors.	41 14 14.6	81 58 29.0
Liverpool, in n. wall of Luth. Church, 1 foot to left of entrance; bronze tablet stamped "**Prim Trav. Sta. No. 62 A**"	**41 14 13.8**	**81 55 38.3**
Liverpool, rd. crossing 200 ft. s. of sta. of B. & O. Ry.	41 14 14.5	81 54 02.4
Four cors., 45 ft. s. e. to teleg. pole, 40 ft. n. w. to signboard	41 14 15.2	81 52 42.4
Three cors., rd. to n., 35 ft. n. w. to maple tree, 40 ft. n. e. to maple tree	41 14 17.0	81 49 25.8
Four cors., Hinckley-Brunswick township line, 25 ft. n. e. to pump, 20 ft. s. e. to elm tree	41 14 17.5	81 47 06.6
Four cors., 40 ft. n. w. to fence cor., 40 feet n. e. to maple tree near corner of house	41 14 17.9	81 45 52.7

Mentor (Painesville) **Quadrangle**

Near south border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Mayfield, street car sta. on State rd., 35 ft. s. to cen. of car track, 40 ft. s. to n. w. cor. of street car station	41 31 12.0	81 26 19.7
Gates Mill, in coping stone of w. end of s. abut. of bridge over Chagrin River; alum. tablet stamped "**Prim. Trav. Sta. No. 22 A. 729 Cleveland**"	**41 31 02.9**	**81 24 13.5**
Three cors., rd. to s., 35 ft. n.w. to tel. pole, 60 ft. s. to signpost "Chester +rds., 2.5 mi.; Clev., 16 mi.; Chagrin Falls. 7mi."	41 31 10.5	81 23 27.1
Scotland sta., 50 ft. n. w. of; center of trolley car track	41 31 20.3	81 21 33.4
Chester triangulation sta. of U. S. Lake Surv. (no sta. or ref. marks could be found. Approximate location of center identified by ruins of observation tripod)	41 32 02.7	81 21 16.3
Chesterland postoffice, H. C. Cottrell & Sons' store, in w. wall at n. w. cor. of stone found.; bronze tab. stamped "**Prim. Trav. Sta. No. 37 A. 1,217 Cleveland**"	**41 31 19.0**	**81 20 15.4**
Chesterland postoffice, four cors., 1 mi. e. of, 35 ft. s. e. to signpost, 25 feet northeast to mail box	41 31 17.6	81 18 48.1
Four corners, 30 ft. e. to signpost, 40 ft. n. w. to cor. fence post, 35 feet south to corner fence post	41 31 17.1	81 16 55.0
Fowlers Mill, bridge over Chagrin River w. of, in coping stone at n. end of west abutment tablet stamped "**Prim. Trav. Sta. No. 51 A. 1,111 Cleveland**"	**41 31 31.4**	**81 15 39.2**

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Miamisburg (Middletown) **Quadrangle**

Near west border of quadrangle north along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 2 N., R. 4 E., T. 3 N., R. 3 E., cor. of secs. 19, 24, 25, & 30	39 30 35.9	84 28 37.3
T road east	39 33 12.2	84 29 49.5
T. 4 N., R. 3 E., quarter cor. between secs. 35 and 36	39 34 32.1	84 29 49.8
T. 4 N., R. 3 E., cor. of secs. 23, 24, 25, and 26	39 35 46.7	84 29 51.6
T. 3 N., R. 4 E., T. 4 N., R. 3 E., quarter cor. between secs. 19 and 24; T rd. near	39 36 15.6	84 28 43.4
T road east	39 37 16.3	84 28 44.5
Crossing of Germantown-Winchester and Farmersville-Middletown pikes	39 38 09.8	84 28 45.4
T. 3 N., R. 4 E., T. 4 N., R. 3 E., cor. of secs. 1, 6, 7, & 12	39 38 30.4	84 28 45.8
T. 3 N., R. 4 E., T. 4 N., R. 3 E., north cor. of secs. 1 & 6	39 39 26.2	84 28 46.6
T road east	39 40 39.4	84 28 47.9
C. N. Ry., at crossing of n.-s. county line road	39 41 53.1	84 28 49.3
T. 5 N., R. 3 E., e. quarter cor. of sec. 13	39 42 30.6	84 28 50.0
Crossing of Co. line rd. and W. Alexandria-Germantown pike	39 43 23.1	84 28 51.2
T. 5 N., R. 3 E., east cor. secs. 1 and 2	39 43 51.2	84 28 52.0
Tps. 4 and 5 N., R. 4 E., Tps. 5 and 6 N., R. 3 E.,	39 44 42.1	84 28 53.1

Near north border of quadrangle east along highways

T road south	39 44 42.7	84 27 41.7
T road north	39 44 43.2	84 26 44.0
T. 5 N., R. 4 E., south cor. of secs. 34 and 33	39 44 43.7	84 25 21.4
T. 5 N., R. 4 E., south cor. of secs. 34 and 35	39 44 44.4	82 24 13.7
Tps. 4 and 5 N., R. 4 E., cor. of secs. 1, 2, 35, and 36	39 44 44.9	84 23 05.8
Tps. 3 and 4 N., R. 5 E., Tps. 4 and 5 N., R. 4 E., cor. of secs. 1, 6, 31, and 36	39 44 45.5	84 21 58.4
Tps. 3 and 4 N., R. 5 E., cor. of secs. 5, 6, 31, and 32	39 44 45.9	84 20 50.3
Tps. 3 and 4 N., R. 5 E., north cor. of secs. 4 and 5	34 44 46.6	84 19 42.3
T. 4 N., R. 5 E., south cor. of secs. 33 and 34	39 44 47.2	84 18 34.0
T road north	39 44 47.4	84 18 00.4
Miller Avenue north	39 44 48.0	84 16 55.2
Soldiers' Home, at n. e. cor. of; +ing of Eaton pike & n.-s. rd.	39 44 58.4	84 15 10.4

Milford Center (Marysville) **Quadrangle**

Marysville to Arnold via Toledo & Ohio Central Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Marysville station, crossing 100 ft. e. of	40 14 25.7	83 22 13.5

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	° ′ ″	° ′ ″
Marysville, n. azimuth stone 940 ft. n. of Big Four Route +ing, 450 ft. n. of n. end of Y, 200 ft. n. of e.-w. rd., 16 ft. e. of e. rail of T. & O. C. Ry., sandstone post 30x6x6 in., set 26 in. in ground; copper bolt cemented in top...	40 14 12.8	83 21 15.7
Marysville, s. azimuth stone 613 ft. s. of +ing of Big Four Route, 6 ft. e. of e. rail of T. & O. C. Ry., sandstone post 30x6x6 in., set 28 in. in ground; bronze meridian tab. cemented in cen. of top. *Azimuth 139° 43′ 20″ to n. stone*	40 14 01.1	83 21 02.8
Milepost 106, 330 ft. s. of pike and telephone line crossing	40 13 36.3	83 20 36.1
Milepost 108, crossing 1,350 ft. s. of	40 12 08.2	83 19 00.5
Blind siding, crossing 20 ft. n. w. of head block.....	40 10 06.4	83 16 48.5
Milepost 113, pike crossing 530 ft. s. e. of	40 08 54.0	83 15 30.0
Arnold sta., 580 ft. s. e. of pike and telephone line +ing..	40 08 27.4	83 15 01.2

Near southeast corner of quadrangle north along highways

Worthington store, road east at.....	40 02 30.5	83 15 49.9
Road east.....	40 04 08.1	83 15 05.6
Roads east, north, and south.....	40 05 27.3	83 15 23.4

Near north border of quadrangle west along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
New Dover, 1.5 mi. e. of, 0.25 mi. s. of brick schoolhouse; T road west.....	40 14 53.3	83 15 53.3	.....
Dover station, 0.5 mi. e. of; C. C. C. & St. L. Ry. at road crossing.....	40 14 53.6	83 17 29.0	7,439
Covered bridge, center of.....	40 14 51.4	83 18 54.8	6,674
T road north.....	40 14 28.2	83 20 15.1	6,658
T. & O. C. Ry. at rd. +ing, 740 ft. n. of C. C. C. & St. L. Ry. crossing.....	40 14 11.3	83 21 14.0	4,895
Marysville, in sandstone, south azimuth mark in church yard; bronze tablet stamped "**Prim. Trav. Sta. No. 75. Ohio, 1910**"	**40 14 06.6**	**83 22 06.2**	**4,073**
Crossroads just east of of schoolhouse.....	40 14 34.2	83 23 48.0	8,381
United Brethren Church, 0.25 mi. s. of; crossroads	40 14 55.1	83 25 03.1	6,197
Allen Center, 1 mi. s. e. of; T rd. n. e.....	40 13 59.3	83 27 53.4	.....
Allen Center, at w. side of T rd. s. w., 40 ft. due w. of cen. of T rd.; iron post stamped "**Prim. Trav. Sta. No. 94. Ohio, 1910**"	**40 14 26.3**	**83 28 34.7**	**4,214**

Near west border of quadrangle south along highways and C. C. C. & St. L. Ry.

T road south.....	40 13 27.8	83 27 20.3	.....
Crossroads, signboard "Marysville 4½ mi., Milford Center 2½ mi., Pottersburg 5 miles".....	40 12 28.5	83 26 48.7	6,491
Crossroads.....	40 11 53.7	83 27 55.4	6,249
T road southwest.....	40 11 13.3	83 27 33.6	4,430
Milford Cen., State St. +ing on C. C. C. & St. L. Ry.	40 10 45.0	83 26 10.6	7,054

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	° ′ ″	° ′ ″	Feet
Milepost 138, 1040 ft. s. of; road crossing.....	40 09 27.8	83 27 25.9	9,757
Milepost 139, 1,030 ft. s. of; n. e.-s. w. pike +ing	40 08 45.1	83 28 04.7	5,269
Private road crossing.....	40 08 12.7	83 28 34.1	3,999
Irwin, at east edge of C. C. C. & St. L. Ry. property line, 1 ft. s. of s. edge of sidewalk on s. side of Main St., 3 ft. w. and 9 ft. s. to n. w. cor. of Irwin Hardware Store (concrete bldg.,) 45 ft. n. and 25 ft. w. to Main St. +ing on railroad; iron post stamped **"Prim. Trav. Sta. No. 76. Ohio, 1910"**.....	**40 07 20.9**	**83 29 20.4**	**6,359**
Union-Madison county line, cen. of track, 35 feet east to stone monument.....	40 06 41.1	83 29 57.2	4,936
North-south pike at private rd. w., 10 ft. w. to Wm. Larnell's mail box.....	40 06 00.6	83 29 33.2	4,500
Tradersville, crossroads 2 miles n. e. of.....	40 01 02.8	83 27 56.6	.....
Tradersville, intersection of rds. 1 mi. n. e. of..	40 00 24.2	83 28 52.2	.....
Tradersville, crossroads at.....	40 00 00.7	83 29 54.9	.....
Tradersville, at w. cor. of +roads, 23 ft. e. to cen. of +roads; iron post stamped **"Prim. Trav. Sta. No. 77. Ohio. 1910"**.....	**40 00 00.7**	**83 29 55.2**	.....
Through center of quadrangle east along highways			
Irwin, 1 mile east of; T road south.....	40 07 05.2	83 28 11.4	.....
Little Darby Creek, center of cov. bridge over..	40 07 18.1	83 27 21.7	4,085
Little Darby Creek, just s. of cov. brdg. over; T rd. n.	40 06 54.6	83 25 32.0	8,854
Chuckery, s. w. of; Union-Madison Co. line mon.	40 06 37.6	83 23 42.8	8,654
Chuckery, s. of store; Union-Madison Co. line mon.	40 06 37.5	83 23 31.3	897
Chuckery, 1 mile n. e. of, at n. w. cor. of T rd. n., 20 ft. e. by 25 ft. s. to cen. of T road; iron post stamped **"Prim. Trav. Sta. No. 78. Ohio, 1910"**	**40 07 03.8**	**83 22 22.8**	**5,963**
Chuckery, 2 mi. east of; T road south	40 06 54.5	83 21 25.6	4,543
Chuckery, 2.8 miles east of; crossroads.....	40 06 51.7	83 20 25.3	4,696
T road south	40 06 55.4	83 19 01.3	6,539
Post rd. at rd. n. w., 20 ft. e. by 15 ft. n. to n. end of culvert	40 06 47.1	83 17 43.9	6,078
T road northeast	40 06 42.2	83 16 54.3	3,891
Big Darby Creek, cen. pier of bridge over.....	40 07 20.2	83 16 08.8	5,224
Robinson Run, center of steel bridge over	40 07 43.6	83 16 14.2	2,401
Arnold station, 0.25 mi. w. of, at n. w. cor. of T rd. north; iron post stamped **"Prim. Trav. Sta. No 79. Ohio. 1910"**.....	**40 08 20.4**	**83 15 15.7**	**5,880**

Meridian Marks

Marysville, on church lot, 9 feet northeast of the northeast corner of Methodist church; a sandstone post 36 by 6 by 6 inches, set 34 inches in the ground, in the center of top of which is countersunk and cemented a bronze tablet. Reference marks: Twenty-seven feet from corner of street.

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Distant mark: In the court house grounds, north of station 375 feet, a sandstone post 30 by 6 by 6 inches, set 28 inches in the ground, having a copper bolt cemented in its top.

Millersburg Quadrangle

Near northwest corner of quadrangle

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Pennsylvania Ry. brdg. No. 121, near Millbrook, copper bolt in abut. at n. w. cor. of brdg.....	40 43 59.9	81 58 23.8
Near Millbrook along Pennsylvania R. R.		
Road crossing 100 feet east of bridge No. 121.....	40 44 00.7	81 58 22.8
Overhead road crossing.....	40 44 51.8	81 57 40.4
Near east border of quadrangle south along highways		
T rd. s., 15 ft. n. w. to n. end of culvert	40 35 40.6	81 45 07.8
T. 9 N., R. 5 W., n. e. cor. of sec. 4; stake in fence cor. at jog in n.-s. rd.....	40 35 37.3	81 45 43.4
Berlin, 1 mi. n. and 2 mi. e. of; stone at T rd. e.....	40 34 15.7	81 45 10.4
T rd. w., just s. of creek at red barn, 39 ft. e. to arrow on gatepost, 31 ft. s. to n. e. cor. of barn.....	40 33 22.4	81 45 12.5
Walnut Creek, 1.5 mi. w. of postoffice; T rd. n. at schoolhouse, 43 ft. n. w. to tel. pole, 21 ft. s. to picket fence..	40 32 45.3	81 45 08.5
Schoolhouse No. 8, 900 ft. s. w. of; stone at T rd. s.....	40 31 26.3	81 45 05.8
T. 8 N., R. 5 W., n. line of; 9 ft. s. e. to s. w. cor. of machine shed; T road n.....	40 31 08.8	81 45 07.4
Near north border of quadrangle west along highways		
T. 16 N., R. 11 W., northeast corner of sec. 36.....	40 44 28.4	81 45 57.2
Kidron, 1.5 mi. w. of; +roads, 25 ft. s. w. to guideboard "Orrville 7 mi. Mount Hope 7 mi., Apple Creek 3.5 mi., West Lebanon 7 mi.," 25 ft s. e. to 2 mail boxes.	40 44 28.5	81 46 32.4
Kidron, 2 mi. w. of; n. e. cor. of sec. 35, T. 16 N., R. 12 W.; +roads at cheese factory.....	40 44 28.0	81 47 07.5
Apple Creek, 1.25 mi. s. e. of; cen. of +rds., 40 ft. s. w. to guidepost "Fredericksburg 6.25 mi., Orrville 8 mi., West Lebanon 10.75 mi., Apple Creek 1.25 mi., " 50 ft. n. e. to oak tree.....	40 44 27.6	81 48 59.5
Apple Creek, 1 mi. s. e. of; T rd. s., guidepost "Apple Creek 1 mi., West Lebanon 11 mi., Mount Eaton 8 mi".....	40 44 27.3	81 49 28.5
Apple Ck., highway +ing on C. A. & C. Ry., 300 ft. w. of sta.	40 44 56.0	81 50 09.7
Road forks, cen. of triangle at n. w. edge of Apple Creek rd., 35 ft. n. w. to guidepost" Moorland 8 mi., Fredericksburg 5 mi., Wooster 5.5 mi., Apple Creek 0.5 mi." (on Wooster quad.)	40 45 19.9	81 51 04.0

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	° ′ ″	° ′ ″
T rd. s., 10 ft. s. to plank brdg., 25 ft. s. w. to guidepost "Fredericksburg 4 mi., Moorland 7 mi., Apple Ck. 1 mi."	40 44 43.7	81 51 50.0
T. 16 N., R. 12 W., stone near n. e. cor. of sec. 36.....	40 44 30.6	81 52 38.2
Apple Creek, 2.2 mi. w. of; near n. e. cor. of sec. 36, T. 15 N., R. 13 W., +rds.; iron post stamped "**Prim. Trav. Sta. No. 21. Ohio, 1907**".....	**40 44 29.8**	**81 52 38.4**
Apple Creek, about 4 mi. w. of; T rd. e. at e. line of sec. 35, 25 ft. n. e. to guidepost "Apple Creek 3 mi., Wooster Road 2 mi., Moorland 4.5 mi.," 5 ft. e. to cen. of triangle	40 44 12.7	81 53 47.0
Church at +rds., 30 ft. s. w. to n. e. cor. of church, 22 ft. e. to guideboard "Wooster 5 mi., Fredericksburg 4 mi., Apple Creek 3.5 mi., Moorland 4 mi.".....	40 44 00.3	81 53 56.1
T. 15 N., R. 13 W., e. side of sec. 34, 25 ft. s. to center of T road south.....	40 43 46.7	81 54 56.6
Millbrook, 3.5 mi. e. of; +rds., cen. of sec. 33, T. 15 N., R. 13 W., 20 ft. s. w. to large oak tree, 30 ft. n. to tel. pole	40 44 00.9	81 56 40.1
Millbrook, 1 mi. n. e. of; 5 mi. s. w. of Wooster, at T rd. e.; w. of Wooster-Shreve rd., at n. e. cor. of Chas. Part's field; iron post stamped "**Prim. Trav. Sta. No. 22. Ohio, 1907**".....	**40 43 59.6**	**81 59 33.0**
Millbrook, 0.5 mi. s. e. of; e. edge of main rd. at T rd. n. w., 35 ft. n. to cor. of fence, 50 ft. s. w. to guideboard "Blachleyville 5 mi., Moorland 3 mi., Wooster 6 mi., Shreve 3 mi.," 100 ft. s. w. to T rd. e.....	40 43 19.5	81 59 56.9
Near south border of quadrangle along highways		
Killbuck, 1 mi. n. and 0.5 mi. w. of cen. of triangle at + roads, 40 ft. n. to Smith's mail box, 50 ft. e. to pump...	40 31 04.4	81 59 42.3
Killbuck, 0.25 mi. n. w. of; cen. of triangle at rd. forks....	40 30 24.0	81 59 10.5
Killbuck, 450 ft. w. of sta., in n. end of abut. to C. A. & C. Ry. brdg. across Killbuck Creek; alum. tab. stamped "**Prim. Trav. Sta. No. 16, 1907**".....	**40 30 11.8**	**81 58 59.1**
Millersburg, 4 mi. s. of; cen. of triangle at T rd. e., 35 ft. n. e. to cor. of picket fence, 45 ft. s. e. to telephone pole..	40 30 03.9	81 55 27.9
Road forks s. w.; and w. cen. of tri., 25 ft. n. to cherry tree, 35 ft. s. to telephone pole, 40 ft. e. to walnut tree	40 30 01.5	81 53 39.9
Grade, cen. of triangle at T rd. e., 40 ft. s. e. to cor. of yd. fen., 15 ft. w. to cen. of n-s. rd.....	40 30 27.0	81 53 21.1
Grade, 1 mi. e. of, rds. to e., w. and s.; second-class rd. n., 25 ft. s. e. to picket fence, 60 ft. w. to forks.....	40 30 29.3	81 52 22.1
Saltillo, 0.75 mi. s. w. of; rd. forks s. w., and w.; 40 ft. s. w. to mail box, 15 ft. n. w. to wire fence	40 30 40.1	81 51 18.0
Saltillo, outside of fence cor. in angle of rd. forks e. and s. e., at blacksmith shop; iron post stam. "**Prim. Trav. Sta. No. 24. Ohio, 1907**".....	**40 31 15.2**	**81 50 53.2**
Saltillo, cen. of triangle at forks of road..	40 31 15.2	81 50 53.6
Saltillo, 1 mi. s. e. of; 4 cors., public rd. n. e., second-class rd. s. w., 50 ft. n. e. to s. w. cor. of schoolhouse, 50 ft. s. to elm tree....	40 30 46.3	81 50 11.2
Saltillo, 1.5 mi. s. e. of; cen. of triangle at T rd. w., 30 ft. n. w. to farm gate.....	40 30 33.4	81 49 30.9
Troyer's wool factory, cen. of iron brdg. over Dowdys Fork	40 30 09.7	81 48 21.9

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Troyer's wool factory, 0.5 mi. n. e. of; cen. of triangle at T rd. w., 25 ft. n. to cor. fen. pst., 30 ft. s. e. to forked hickory	40 30 19.5	81 48 04.2
Charm, T rd. e., 30 ft. w. to office door, 25 ft. n. e. to tel. pole	40 30 24.0	81 47 08.3
Charm, 1 mi. e. of; cen. of triangle at T rd. n., 170 ft. w. of T rd. s.	40 30 22.7	81 46 13.7

Montpelier (see Pioneer) Quadrangle

Morning View Quadrangle

Point Pleasant-north through New Richmond to Spann schoolhouse along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Clermontville, T pike n. at; 20 ft. s. and 5 ft. e. to n. e. cor. of platform scales	38 55 24.4	84 15 02.2
Clermontville, 0.8 mi. n. w. of; cen. of pike at rd. s. e. up hill	38 56 01.3	84 15 50.1
New Richmond, cen. of intersec. of Front and Walnut Sts.	38 57 03.0	84 17 01.3
Twelvemile Creek, center of steel bridge over	38 57 42.2	84 17 13.8
Steel brdg. over creek, cen. of T pike e. just n. of, just e. of electric railroad	38 59 07.5	84 17 24.3
George Neep's mail box, center of T road n. e. at	38 59 51.8	84 16 28.6

Morrow (Lebanon) Quadrangle

Camp Ground to Windsor via Baltimore & Ohio Southwestern R. R.

Stations	Latitude	Longitude
Camp Ground station (on Mason quad.)	39 15 18.2	84 16 47.5
Loveland, +ing of Pennsylvania and B. & O. S. W. railroads (on Mason quad.)	39 16 00.6	84 15 31.9
Hills station, crossing 340 feet west of	39 15 18.7	84 11 17.7
Cozaddale station, crossing 80 feet west of	39 16 15.2	84 09 39.9
Pleasant Plain station, crossing 110 feet west of	39 16 47.5	84 06 43.6
Windsor station, crossing 40 feet west of	39 17 04.6	84 02 59.5
Near west border of quadrangle		
Road crossing north-south on C. C. C. & St. L. Ry.	39 21 05.1	84 14 27.8
Road +ing n. e.-s. w. on C. L. & N. Ry. (Middletown Br.)	39 22 17.2	84 14 42.3
Near west border of quadrangle north along highways		
Near T. 4, R. 3, cor. secs. 8, 9, 14, and 15; crossroads	39 23 30.0	84 14 52.9
Road crossing north-south on D. L. & C. Ry.	39 24 34.0	84 14 35.4
Road crossing southeast on Electric Ry.	39 26 54.6	84 14 06.4
Bridge over creek s., T. 3 E., R. 4 N., near s. line of sec. 8.	39 28 06.1	84 14 16.2
Red Lion, T. 3 E., R. 4 N., center of sec. 15; crossroads	39 29 28.2	84 14 55.4

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Near southeast corner of quadrangle along highways		
Road crosssing northwest on Electric Ry	39 15 51.4	84 00 09.2
Woodville, intersection of roads 0.25 mile east of	39 15 19.2	84 00 26.3
Woodville, in northwest corner of A. W. Garrison's front yard, 20 feet north and 20 ft. west to town pump at cen. of cross pikes; iron post stamped **"Prim. Trav. Sta. No. 91. Ohio, 1909"**	**39 15 17.5**	**84 00 38.6**

Near north border of quadrangle east along highways	° ′ ″	° ′ ″
Red Lion, 0.5 mi. e. of, n. of pike, 15 ft. s. and 25 ft. e. to cen. of small bridge over branch to n., 10 ft. n. to s.e. cor. of E. W. Decker's garden; iron post stamp. **"Prim. Trav. Sta. No. 48. Ohio, 1909"**	**39 29 25.5**	**84 14 17.3**
Red Lion, 1.5 miles from; T road north, 20 feet south to guidepost "Springfield, 5 miles"	39 29 14.1	84 13 10.6
Red Lion, 2.5 mi. e. of, 3.5 mi. n. of Lebanon; cen. of +rds	39 29 06.2	84 12 09.2
Red Lion, 3.5 mi. e. of; cor. of secs. 27, 28, 33, and 34, T. 4, R. 4	39 29 29.1	84 10 47.6
Utica, corner of sections 21, 22, 27, and 28, T. 4, R. 4, 10 feet west and 10 feet south to center of crossroads	39 29 40.0	84 09 37.7
Yale, 4.5 miles from, 4 miles from Waynesville; center of +roads and cor. of secs. 15, 16, 21, and 22, T. 4, R. 4	39 29 34.9	84 08 29.0
Schoolhouse, cen. of T road s. at cor. of secs. 9, 10, 15, and 16, T. 4, R. 4	39 29 31.0	84 07 18.0
Waynesville, 3.5 mis. s. w. of, on e. side of T road west at Ellis Ivin's res., 10 ft. w. and 25 ft. s. to center of stone culv.; iron post stpd. **"Prim. Trav. Sta. No. 49. Ohio, 1909"**	**39 29 22.1**	**84 06 34.9**
Waynesville, 2.5 miles s. w. of; center of steel bridge over Little Miami River	39 29 51.0	84 06 06.6
Wayne township schoolhouse No. 10, 0.2 mile south of, 10 feet south to center of triangular grass plat	39 29 57.8	84 04 36.8

Through center of quadrangle east along highways		
Hopkinsville, 0.5 mi. s. w. of; cen. of Foster-Morrow pike at pike south	39 20 02.1	84 13 43.6
Hopkinsville, at n. e. cor. of cross pikes, 300 ft. s. and 20 ft. w. to cen. of pikes; iron post stamped **"Prim. Trav. Sta. No. 51. Ohio, 1909"**	**39 20 20.4**	**84 13 07.9**
Hopkinsville, 1 mi. n. e. of; on Foster-Morrow pike at pike n.	39 20 47.5	84 12 19.0
Zoar Methodist Episcopal Church, w. of; cen. of cross pikes	39 21 02.9	84 11 26.4
Foster-Morrow pike at T pike north	39 21 21.8	84 10 28.5
Morrow, crossing of n.-s. street and P. C. C. & St. L. Ry.	39 21 15.0	84 07 57.9
Milepost 147, 550 ft. e. of, just s. e. of intersec. of n. e.-s. w. road and Pennsylvania Ry. on e. side of wagon road; iron post stamped **"Prim. Trav. Sta. No. 52. Ohio, 1909"**	**39 20 33.1**	**84 06 10.4**
Milepost 146, private road crossing	39 20 43.2	84 05 15.2
Milepost 145, 0.2 mi. w. of, near e. end of bridge; pike crossing under railroad	39 21 01.2	84 04 26.5
Hicks, n. w.-s. e. road crossing at station	39 21 29.9	84 03 19.4
Milepost 143, overhead road crossing	39 22 09.4	84 02 36.7

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Spur to sawmill, east-west road crossing at.....	39 22 34.2	84 01 57.7
Clarksville, 2.3 mis. s. w. of, on e. side of Pennsylvania Ry. 50 ft. w. and 15 ft. s. to center of road +ing; iron post stamped **"Prim. Trav. Sta. No. 53. Ohio, 1909"**.....	**39 22 57.0**	**84 01 00.8**
Milepost 140, 0.2 mi. s. of, +ing of n. e.-s. w. road.....	39 23 10.7	84 00 07.9
At Loveland		
Loveland, about 0.5 mi. s. e. of, at s. e. cor. of T pike e.; iron post stamped **"Prim. Trav. Sta. No. 97. Ohio, 1909"**.	**39 15 30.9**	**84 14 57.6**

Mount Gilead Quadrangle

Near south border of quadrangle along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Mt. Gilead, 3 mi. s. by 3 mi. e. of; T rd. s. at R. E. George's mail box.....	40 30 25.5	82 46 18.1	.....
Cardington, main st. +ing on Big Four Route..	40 30 01.4	82 53 46.0	.....
Marion-Morrow county line, 1 mi. e. of; cen. +rds.	40 30 10.4	82 56 21.2	.....
Through center of quadrangle east along highways			
T. 5 S., R. 16 E., quar. cor. between secs. 10 and 15; crossroads (on Marion quad.).....	40 36 56.8	83 00 18.4	.....
Caledonia, 1.5 mi. s. by 2 mi. w. of, 240 ft. w. of northeast cor. of sec. 15, T. 5 S., R. 16 E., in s. w. cor. of stone fonda. of brdg. abut.; alum tab. stpd. **"Prim. Trav. Sta. No. 62. Ohio, 1910"**...	**40 36 57.6**	**82 59 47.4**	**2,400**
T. 5 S., R. 16 E., cor. of secs. 10, 11, 14, and 15..	40 36 57.7	82 59 44.3	240
T road east, center of	40 37 24.5	82 58 02.2	8,335
T. 5 S., R. 17 E., w. cor. of secs. 6 and 7; Marion-Morrow county line.....	40 37 49.8	82 57 27.4	3,704
T. 5 S., R. 17 E., corner of secs. 5, 6, 7, and 8...	40 37 50.8	82 56 15.4	5,560
T. 5 S., R. 17 E., cor. of secs. 4, 5, 8, and 9; cen. of +roads at church and schoolhouse.....	40 37 50.3	82 55 05.6	5,390
T. 5 S., R. 17 E., n. e. cor. of sec. 9; cen. of T rd. s.	40 37 49.9	82 53 59.5	5,100
Climax, e.-w. road crossing on T. & O. C. Ry ...	40 37 49.5	82 53 20.0	3,050
Climax, 0.5 mi. e. of, in n. w. cor. of stone abut. of steel brdge over Thorns Run, 30 ft. w. by 10 ft. s. to n. e. cor. of sec. 10, T. 5 S., R. 17 E.; alum tab. stpd. **"Prim. Trav. Sta. No. 63. Ohio, 1910"**	**40 37 49.6**	**82 52 48.5**	**2.428**
T. 18 N., R. 21 W., west cor. of secs. 3 and 10; center of T road east.....	40 37 30.5	82 51 37.3	5,827
T. 18 N., R. 21 W., n. e. cor. of sec. 10; cen. of +rds.	40 37 30.5	82 50 31.2	5,100
T. 18 N., R. 21 W., n. e. cor. of sec. 11; cen. of +rds.	40 37 30.2	82 49 22.6	5,290
T. 18 N., R. 21 W., n. e. cor. of sec. 12; cen. of +rds.	40 37 29.8	82 48 14.5	5,260
T. 18 N., R. 20 W., stone at cor. of secs. 5, 6, 7, and 8; cen. of crossroads at schoolhouse.....	40 37 28.9	82 47 06.2	5,272
T. 18 N., R. 20 W., stone at cor. of secs. 4, 5, 8, and 9; center of crossroads.....	40 37 28.0	82 45 57.6	5,300

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"Prim. Trav. Sta. No. 54, 1910" (on Shauck quad.)	**40 37 27.39**	**82 44 50.33**	**5,190**

Near northeast corner of quadrangle along highways

Galion, 0.8 mi. n. by 1.5 mi. e. of; cen. of T rd. n.	40 44 34.1	82 45 05.0	.....
Galion, 1.25 mi. e. of; cen. of T road north	40 43 59.5	82 45 45.4	4,688
T road west, center of.....	40 43 33.3	82 45 53.5	2,735
T. 20 N., R. 20 W., s. cor. of secs. 32 and 33	40 43 33.3	82 45 53.2	25
T. 19 N., R. 20 W., n. cor. of secs. 4 and 5	40 43 33.3	82 45 53.9	55
T. 19 N., R. 20 W., cor. of secs. 3, 4, 9, and 10; +rds. at schoolhouse; Crawford-Marion county line (on Shauck quad.)	40 42 40.8	82 44 46.0	7,460

Near west corner of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Road east-west.....	40 44 47.4	82 59 29.9
Tps. 3 and 4 S., R. 16 E., cor. of secs. 34, 35, 2, & 3; rd. w.	40 43 55.0	82 59 42.5
Road east-west.....	40 43 03.9	82 59 59.4
T. 5 S., R. 16 E., cor. secs. 15, 14, 23, and 22.	40 36 04.6	82 59 44.1
T. 5 S., R. 16 E., n. e. cor. of sec. 27, due e. of; rd. n. e...	40 35 12.2	82 59 48.5
Corner of roads south and west	40 33 43.1	82 59 44.9
T. 6 S., R. 16 E., cor. of secs. 3, 2, 11, and 10	40 32 34.0	82 59 44.1
T. 6 S., R. 16 E., cor. of secs. 10, 11, 14, and 15; rd. e.-w..	40 31 42.0	82 59 44.2
T. 6 S., R. 16 E., cor. of secs. 15, 14, 23, and 22; rd. e.-w..	40 30 48.9	82 59 43.8

Near north border of quadrangle along highways

Milepost 74, 2,000 ft. s. of; e.-w. rd. +ing T. & O. C. Ry..	40 44 23.2	82 56 07.2
Albright school, 0.5 mi. w. of; +rds. 0.2 mi. s. of church..	40 44 23.9	82 54 54.6
Albright school, 0.5 mi. e. of; mid. of e.-w. rd. at rail fence n.	40 44 24.4	82 53 46.0
W. L. Tupp's farm, s. w. cor. of; n. e. cor. of T rd. n., nail in tree in s. e. cor. of field bears S. 69° W., dist. 49.1 ft.; nail in root of elm tree bears S. 12° W., dist. 107.8 ft.; iron post stamped **"Prim. Trav. Sta. No. 21, Ohio, 1906"**	**40 44 32.1**	**82 52 54.3**
Whetstone Creek, course n.; cen. of bridge over.....	40 44 51.2	82 52 16.2

Mount Sterling (Washington C. H.) **Quadrangle**

Washington C. H. to Mount Sterling via Baltimore & Ohio Southwestern Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Washington C. H., s. azimuth stone 1,400 ft. s. of B. & O. S. W. Ry. sta., near coal chutes 6 ft. e. of main track, 11 ft. from end of bulkhead leading to elevated tracks; limestone post, 36 x 8 x 8 in., set 33 in. in ground, bronze merid. tab. cemented in cen. of top. Dist. mark is a copper bolt cemented in e. abut. of wagon brdg. *Azimuth 218° 12′ 45″*. Distance from south stone 1,093 feet.....	39 32 04.0	83 26 53.7

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Washington C. H., +ing of B. & O. S. W. and C. H. & D. Ry.	39 32 13.3	83 26 43.4
Fayette station	39 34 09.9	83 25 13.7
Bloomingburg station, crossing 300 feet east of	39 36 22.7	83 23 17.4
Madison Mills station, crossing 30 feet east of	39 39 13.5	83 20 21.4
Cook station, crossing 200 feet east of	39 40 59.4	83 18 24.3
Mount Sterling, Main Sreet crossing on Baltimore & Ohio Southwestern Ry. (Hawkins traverse, 1900)	39 43 17.6	83 16 03.7

Near east border of quadrangle south along highways

Mount Sterling, road southwest to Washington Court H.	39 42 59.3	83 16 06.2
Fayette-Madison county line	39 41 47.3	83 16 16.4
Jones schoolhouse No. 5, center of road	39 40 51.0	83 16 16.6
Old Yankeetown, east-west road	39 39 41.1	83 16 05.8
Schoolhouse No. 2, road	39 38 50.6	83 16 16.3
Waterloo, near Fayette-Pickaway county line stone	39 38 20.2	83 15 25.5
Waterloo, in n. w. cor. of yd. of Christian Church; iron post stamped "**Prim. Trav. Sta. No. 74. Ohio, 1909**"	**39 37 39.2**	**83 15 58.2**
Waterloo, in front of Methodist Church	39 37 24.7	83 15 55.5
Fayette-Pickaway county line, stone monument	39 37 01.4	83 15 31.0
Road north-south	39 36 09.4	83 16 04 9
Bridge near Chauncey Dick's	39 35 29.9	83 15 56.0
Pike, northwest-southeast	39 34 08.0	83 16 13.5
Pickaway-Fayette county line road	39 33 32.8	83 15 46.9
New Holland, Main Sreet crossing on C. & M. Valley Ry.	39 33 15.8	83 15 26.2
Road southwest (on Era quad.)	39 31 31.2	83 14 43.9
Ross-Pickaway county line (on Era quad.)	39 30 55 6	83 14 56.7
Schoolhouse No. 9, intersection of roads	39 30 15.2	83 15 03.4
Schoolhouse No. 9, in n. e. cor. of yd., n. e. cor. of schoolh. bears S. 53° 45′ W., dist. 30.4 ft.; cen. of wooden pump in schoolh. yard bears N. 71° 15′ W., distant 51.2 feet; in top of sandstone post 5 by 10 by 30 inches; aluminum tablet stamped "**Prim. Trav. Sta. No. 5**"	**39 30 15.0**	**83 15 03.5**

Near south border of quadrangle west along highways

Pleasant Grove, s. w. corner of schoolhouse yard; road n.	39 30 02.2	83 21 36.6
Blacksmith shop, road north-south	39 30 32.8	83 22 39.8
Bridge over drain south	39 30 50.6	83 23 57.1
Washington C. H., 1.5 miles south e. of; n. end of bridge over, Middle Fork Paint Creek	39 31 04.4	83 25 01.5
D. T. & I. Ry. +ing near trestle, 480 ft. s. e. of 102 mi. pst.	39 30 55.1	83 25 06.5
Washington C. H., 2 mi. s. of; +roads on Greenfield pike.	39 30 34.2	83 26 28.8
Leesburg pike, north-south	39 30 16.3	33 28 22.3
Snow Hill pike, Ingles schoolhouse, 20 feet north	39 30 19.6	83 29 43.1
Snow Hill Pike, cen. of, at rd. n. w., 0.3 mi. s. w. of schoolh.	39 30 11.4	83 29 58.4

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Near north border of quadrangle east along highways

Hayes schoolhouse, road east-west	39 42 51.4	83 29 52.4
Sedalia, D. T. & I. Ry. crossing, .75 mile southwest of	39 43 28.7	83 29 17.4
Sedalia, South Solon pike, east-west	39 44 01.4	83 29 06.5
Sedalia, intersection of Main Street and road east-west	39 44 00.5	83 28 36.7
Bridge over creek northeast	39 43 55.9	83 25 45.2
Range, London pike northwest	39 43 55.5	83 25 31.7
Bethel, Methodist Episcopal Church, crossroads at	39 43 48.8	83 23 37.4
Bridge over branch south	39 43 52.0	83 22 16.6
Chenowith, road north	39 43 51.6	83 21 25.1
Sugar Run Bridge	39 43 49.7	83 19 53.9
Road south at schoolhouse	39 43 48.8	83 19 11.5
Mount Sterling, one-half mile north of; London pike	39 43 48.7	83 16 17.2

Near west border of quadrangle

Paint Creek, west end of bridge over	39 37 10.1	83 29 17.2

Meridian Marks

Washington Court House, two feet from curb line on north side of Temple Street, in schoolhouse yard; a limestone post 36 by 8 by 8 inches, set 33 inches in the ground, in the center of top of which is countersunk and cemented a bronze tablet. Reference marks: A locust tree 20 inches in diameter, bears S. 80° W., distant 40 feet; bay window in new school house, bears N. 40° E., distant 171 feet.

Distant mark: Three hundred feet north of station, a limestone post 30 by 6 by 6 inches, set 30 inches in the ground, having a copper bolt cemented in its top.

Napoleon Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 6 N., R. 5 E., corner of secs. 13, 14, 23, and 24	41 28 16.1	84 14 52.8
T. 5 N., R. 5 E., corner of secs. 1, 2, 11, and 12	41 24 46.9	84 14 50.7
T. 5 N., R. 5 E., corner of secs. 13, 14, 23, and 24	41 23 02.3	84 14 49.3
T. 5 N., R, 5 E., corner of secs. 25, 26, 35, and 36	41 21 17.6	84 14 48.0
T. 4 N., R. 5 E., corner of secs. 1, 2, 11, and 12	41 19 32.5	84 14 48.0
T. 4 N., R. 5 E., corner of secs. 13, 14, 23, and 24	41 17 48.2	84 14 48.0
T. 4 N., R. 5 E., corner of secs. 25, 26, 35, and 36	41 16 03.8	84 14 47.9
Tps. 3 and 4 N., R. 5 E., corner of secs. 1, 2, 35, and 36	41 15 11.5	84 14 47.8

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Near northeast corner of quadrangle along highways

	° ′ ″	° ′ ″
T. 6 N., R. 7 E., quar. cor. between secs. 12 and 13, at + rds., in n. e. cor. of orchard owned by Edna Cline; iron post stamped **"Prim. Trav. Sta. No. 31, 1905"**	**41 29 10.5**	**84 00 30.7**
T. 6 N., R. 7 E., s. cor. of secs. 11 and 12; T rd. s., 31 ft. s. w. to cross on cor. fence post, 30 ft. n. w. to E. M. Smith's mail box	41 29 10.9	84 01 05.5
T. 6 N., R. 7 E., cor. of secs. 10, 11, 14, & 15; + rds, 33 ft. s. w. to end of wire fence, 37 feet n. w. to cross on gatepost.	41 29 11.5	84 02 15.2

Navarre Quadrangle

Canal Dover to Strasburg via Baltimore & Ohio Ry.

Stations	Latitude	Longitude
Shovel works, 1.25 miles north of; e.-w. road crossing	40 32 58.1	81 30 03.8
Crown fire-clay works, at s. part of; e.-w. road crossing	40 33 43.3	81 30 13.1
Overhead crossing of electric railroad	40 34 55.1	81 31 04.2
T. 10 N., R. 3 W., corner stone of secs. 19, 20, 21, and 22, in north part of Strasburg	40 36 07.4	81 31 45.1
Near east border of quadrangle north along highways		
Strasburg, 1 mi. n. of, s. of road at forks, + on w. end of stone culv. bears S. 74° W., dist. 8.4 ft.; s. w. cor. of res. bears N. 19° 30′ E., distant 135 feet; iron post stamped **"Prim. Trav. Sta. No. 35. Ohio, 1906"**	**40 36 55.0**	**81 31 28.7**
T. 10 N., R. 3 W., corner of secs. 9, 10, 11, and 12; oak tree at cross fences	40 37 43.5	81 31 44.6
Schoolhouse, +roads, 30 ft. n. e. to guidepost, 32 ft. n. w. to corner fence post	40 38 15.2	81 31 19.8
Tuscarawas-Stark Co. line, 510 ft. n. of; stone in center of T road west	40 39 01.9	81 31 14.8
T. 9 N., R. 9 W., northeast corner stone of sec. 29	40 40 21.0	81 30 39.7
T. 9 N., R. 9 W., n. e. corner of sec. 20; center of n.-s. road at east-west rail fence	40 41 14.5	81 30 39.3
In Navarre along Wheeling & Lake Erie Ry.		
Navarre, east track of Wheeling & Lake Erie R. R., at crossing of electric railroad, just south of station	40 43 05.5	81 31 22.2
Navarre, in west part of; overhead railroad crossing	40 43 21.2	81 31 51.2
Near north border of quadrangle west along highways		
Pigeon Run, T road north	40 44 57.2	81 34 35.1
T. 12 N., R. 10 W., n. e. cor. stone of sec. 34, at schoolhouse	40 44 58.3	81 35 09.1
T. 12 N., R. 10 W., n. e. cor. of sec. 33; center of road at rail fence n. (on Massillon quad.)	40 45 00.7	81 36 19.4
West Lebanon, 2 miles n. e. of, Massillon-Millersburg road, crossroad bears e., dist. 20 ft., nail in blaze on white oak bears S. 66° 45′ E., dist. 67 ft.; iron post stamped **"Prim. Trav. Sta. No. 37, 1906"**	**40 44 27.7**	**81 38 06.0**

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Stark-Wayne county line, center Millersburg road.....	40 44 05.3	81 38 55.8
T. 11 N., R. 10 W., near n. e. cor. of sec. 6; junction of fence, Stark-Wayne county line.....	40 44 13.9	81 38 55.8
West Lebanon, 0.5 mi. n. of; +roads, 15 ft. s. e. to guidepost, 24 ft. to south end of culvert.....	40 44 01.0	81 40 07.1
West Lebanon, 0.5 mi. n. and 1.5 mi. w. of; +roads, 24 ft. n. w. to guidepost, 33 ft. n. e. to fence post	40 44 01.4	81 41 51.3
Kidron, 0.75 mi. s. e. of; +roads, 27 ft. s. e. to guidepost, 24 ft. s. w. to s. end of box culvert.....	40 44 12.1	81 43 53.0
Kidron, s. w. cor. of crossroads, n. w. cor. of foundation to creamery bears S. 68° E., dist. 72 ft.; cross cut on s. e. cor. of foundation to warehouse bears N. 44° 15′ W., dist. 86.2 ft.; iron post stamped **"Prim. Trav. Sta. No. 38, 1906"**....	**40 44 28.4**	**81 44 44.5**
Near west border of quadrangle south along highways		
T. 16 N., R. 11 W., northeast cor. of sec. 31; crossroads...	40 44 28.7	81 44 44.3
Ts. 15 and 16 N., line between; road crossing	40 43 35.9	81 44 43.8
Frame schoolhouse, crossroads, 36 feet n. e. to guidepost, 48 ft. n. w. to mail box No. 50.	40 42 39.4	81 44 48.0
Gordin School, 0.75 mi. n. of; crossroads, 39 ft. n. w. to e. gatepost, 25 ft. n. e. to n. end of stone culvert.....	40 41 36.2	81 44 47.4
Gordin School, +roads, 22 ft. n.-e. to cor fence post, 39 ft. n. w. to mail box No. 49.....	40 40 57.3	81 44 47.1
Wayne-Holmes county line, n. e. s. w. road.....	40 40 04.7	81 44 28.5
Wayne-Holmes county line, 1 mi. s. of; crossroads, 30 ft. n. w. to guidepost, 19 ft. s. w. to w. end of culvert....	40 39 12.1	81 43 50.0
Small cem., just s. of; crossroads, 25 ft. s. e. to e. end of hedge fence, 12 ft. s. w. to s. end of culvert.....	40 38 35.0	81 44 46.6
Fairview, s. e. cor. of crossroads at schoolhouse, halfway beetween Mt. Hope and Winesburg, nail in e. face of large white oak tree bears S. 73° 30′ W., distant 47.2 ft.; iron post stamped **"Prim. Trav. Sta. No. 39, 1906"**.....	**40 37 07.0**	**81 44 40.2**
Crossroad, at n. w. cor. of triangle formed by rds., 9 ft. n. w. to n. w. end of box culvert	40 35 53.1	81 44 58.7
Schoolhouse No. 3, 500 ft. e. of, s. of Charm-Sugarcreek rd. at fork to n. e., cross cut on boulder bears N. 20° 30′ W., dist. 24.3 ft.; iron post stamped **"Prim. Trav. Sta. No. 40, 1906"**.....	**40 30 21.7**	**81 44 50.6**
Near south border of quadrangle west along highways		
T. 8 N., R. 5 W., cor. of secs. 1, 2, 9, and 10; junc. of fence	40 30 13.4	81 43 36.3
Sugarcreek, Main St. crossing of W. & L. E. Ry., 215 ft. s. of station..... ..... :	40 30 07.3	81 38 24.4
Sugarcreek, about 0.75 mi. n. e. of; T rd. n., 36 ft. n. w. to cor. fence post, 48 ft. n. e. to corner fence post.....	40 30 29.3	81 37 25.2
Union Hill Church, 0.33 mi. n. of, at s.-w. cor. of crossroads, n. e. cor. of E. Crite's res. bears S. 57° 20′ W., dist. 23.3 ft.; cross cut on w. end of culv. bears N. 11° 15′ E. dist. 35 ft; iron post stamped **"Prim. Trav. Sta. No. 41, 1906"**	**40 30 29.4**	**81 36 38.0**
T road north.....	40 30 26.6	81 35 45.1
Sugarcreek-Dover township line, n. e. cor. of sec. 4.....	40 30 52.8	81 34 17.4

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Schoolhouse No. 2, T rd. n., 10 ft. s. w. to s. end of bridge	40 30 44.4	81 33 00.9
Canal Dover, 2.75 mi. w. of; crossroads, 21 ft. n. w. to n. end of stone culv., 29 ft. s. w. to s. end of same culvert..	40 30 30.9	81 31 28.5

Nelsonville (see Zaleski) Quadrangle

Newark Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Homer, 1.33 mi. s. e. of; large sugar-maple tree in cen. of of road	40 14 39.2	82 29 22.5
Road w., 24 ft. s. to cross on black oak tree	40 13 55.7	82 28 00.0
Utica, in s. e. part; e. w. rd. crossing on B. & O. Ry	40 13 57.2	82 26 52.4
Licking Knox county line, rd. w., 27 ft. n. w. to cross on gatepost, 27 ft. s. e. to cross on rail fence	40 14 35.8	82 25 04.2
Hill Church, 0.5 mi. w. of; T rd. n., 28 ft. n. w. to tel. pole, 22 ft. s. w. to cross on fence post	40 14 32.4	82 23 44.6
Martinsburg, 1.5 mi. s. of, at crossroads, in n. e. cor. of field of W. P. Harrison; iron post stamped **"Prim. Trav. Sta. No. 41, 1905"**	**40 14 53.7**	**82 21 36.2**
Martinsburg, about 2 mi. s. e. of; crossroads, 10 ft. s. e. to gum tree, 21 ft. n. e. to mail box	40 14 50.8	82 20 18.1
County line, 0.5 mi. n. of; crossing of e. w. and n. w.-s. e. rds., 38 ft. n. to large white-oak tree, 38 ft. n. e. to cross on fence post	40 14 49.6	82 19 14.8
County line, 0.5 mi. n. of, at A. J. Blount's farm; T rd. w., 29 ft. n. e. to cross on fence post, 30 ft. s. e. to cross on telegraph pole	40 14 48.6	82 17 06.4
Henpeck Corners, crossroads, 28 ft. s. e. to guidepost, 27 ft. n. w. to Benbow Simpkins's mail box	40 14 02.2	82 16 52.7
Henpeck Corners, 1 mi. s. e. of, 2 mi. n. w. of Fallsburg, just n. of schoolhouse, in s. e. cor of W. H. Kidd's farm, at T rd. n. e.; iron post stamped **"Prim. Trav. Sta. No. 42, 1905"**	**40 13 44.4**	**82 16 03.7**
Fallsburg, 1 mi. n. w. of; T rd. e., 200 ft. n. of scales, 16 ft. east to Matt Frost's mail box	40 12 51.1	82 15 26.8
T. 4 N., R. 10 W., s. e. cor. of scc. 15, cross on top of stone.	40 11 56.0	82 15 46.1

Near south border of quadrangle east along highways

Fulton schoolhse., 0.25 mi. e. of; T rd. n., 22 ft. s. to + on red gate	40 01 21.5	82 26 41.7
Lloyds Corners, 1 mi. w. of; T road s., 21 feet east to east end of tile culvert, 19 feet southwest to w. end of same	40 00 54.1	82 25 24.5
Newark, about 3 mi. s. of, at Lloyds Cor.; +roads, 13 feet s. e. to ring on tel. pole, 31 ft. n. e to + on picket fence	40 00 49.7	82 24 14.0
Lutheran Church, 1 mile northwest of, at top of hill; T road west, point on intersection	40 00 48.7	82 22 54.6

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Newark, 4.5 mi. s. e. of, in Lutheran school grounds, s. e. cor. of schoolhse. founda. bears N. 25° 15′ W., dist. 11.9 ft.; n. w., cor. of Lutheran Church founda. bears S. 37° 30′ W., distant 67.6 feet; iron post stamped "**Prim. Trav. Sta. No. 45, 1905**"	**40 00 16.6**	**82 22 04.8**
John Fry's farm, at s. w. cor. of; +roads, 30 ft. n. e. to + on post at s. end of wire fence, 46 feet north w. to T. J. Moore's mail box	40 00 00.8	82 21 01.3
R. S. Sigler's residence, T road south, 10 feet northeast to mail box, 30 feet southwest to guidepost	40 00 50.3	82 19 58.7
T. 1 N., R. 11 W., stone at cor. of secs. 1, 2, 9, and 10	40 00 46.1	82 18 34.3
Boodle schoolhouse, about 1.38 miles southeast of; road to s., 13 ft. n. to + on gatepost, 36 ft. southwest to mail box	40 00 04.8	82 16 57.9
Near east border of quadrangle south along highways		
G. W. Scott's residence, intersection of roads; mail box	40 10 38.4	82 16 03.0
Sawmill, 900 ft. n. of; on top of hill, T road w., 30 feet n. w. to mail box	40 10 01.2	82 15 29.1
Reform, 0.66 mi. n. w. of; +roads, 25 ft. n. e. to F. Priest's mail box, 29 feet northwest to cross on corner fence post	40 08 53.1	82 15 14.3
Reform crossroads, 21 feet southeast to R. S. Paine's mail box, 30 feet northeast to willow tree	40 08 16.6	82 15 02.0
Reform, 0.75 mi. s. of, in s. w. cor. of field of J. W. Gardner, opposite Meth. Church;,iron post stpd. "**Prim. Trav. Sta. No. 43, 1905**"	**40 07 34.0**	**82 15 05.0**
Hanover, in n. w. part of; cen. of rd. +ing under Penn. Ry.	40 04 34.2	82 15 47.2
Hanover electric railrd. sta., rd. + ing, N. & Z. Electric Ry.	40 03 53.4	82 16 03.6
Clay Lick, 0.5 mile north of, just south of electric railroad station; center of bridge over old Ohio Canal	40 03 54.0	82 17 27.7
Clay Lick, 1 mile south of; T road west	40 02 52.7	82 17 29.2
Clay Lick, 2 mi. s. of; road to southwest at Jonathan Intow's residence, 12 ft. s. w. to J. R. Shepherd's mail box	40 01 36.1	82 17 38.1
Clay Lick, about 4 mi. s. of, in s. part of grnds. of Boodle schoolhouse, s. w. cor. of schoolhouse founda. bears N. 9° 15′ E. dist. 57 ft.; nail in root of maple tree bears N. 84° 30′ E., distant 60.1 ft.; iron post stamped "**Prim. Trav. Sta. No. 44, 1905**"	**40 00 58.7**	**82 17 23.4**
Near southwest corner of quadrangle		
Milepost 28, 240 ft. e. of, e.-w. gravel road +ing; n. track	40 01 43.1	82 29 25.1
Central City, 0.75 mile south of, 105 feet north of milepst. 14; east-west gravel road crossing	40 01 30.2	82 28 26.9
Milepost 13, just north of; private road crossing	40 00 38.5	82 28 38.8

New Comerstown Quadrangle

Near northwest corner of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Farmerstown, 0.5 mile w. of, quarter corner between secs. 9 and 12, T. 8 N., R. 5 W.; T road east	40 29 21.6	81 44 12.9

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Farmerstown, telephone pole in cen. of triangle of cross-roads, 50 feet east to top of hill	40 29 14.1	81 43 42.6
Farmerstown, 1.5 mi. s. of; 4 cors., 20 feet s. w. to guide-board "New Bedford 2.5 mi., Baltic 3 mi., Sugarcreek 5 mi.," 20 feet s. e. to w. end of stone at n. end of culvert	40 27 58.8	81 43 40.9
T. 8 N., R. 5 W., cor. stone of secs. 19, 20, 21, and 22	40 27 35.6	81 43 41.7
Holmes-Coshocton county line, cor. of sections	40 26 42.4	81 43 43.7
Baltic, 0.75 mi. w. of; Holmes-Coshocton county line at bend of road to east	40 26 41.1	81 42 46.6
Baltic, intersec. of Main and Maple Sts	40 26 26.3	81 42 18.1
Baltic, n. e. cor. of Main and Maple Sts., at s. w. cor. of Baltic Hotel; iron post stamped "**Prim. Trav. Sta. No. 25. Ohio, 1907**"	**40 26 26.5**	**81 42 16.9**
Baltic to West Lafayette via Wheeling & Lake Erie R. R.		
Baltic, 1.5 mi. s. w. of; rd. +ing, 100 ft. n. e. of mi'post Z 46	40 25 34.2	81 43 13.5
Baltic, 2.5 mi. s. w. of; rd. +ing, 540 ft. s. of mi'post C 99	40 24 37.6	81 43 13.3
Chili sta., 1 mi. n. e. of; cen. of trestle over rd. +ing, 350 ft. s. of milepost Z 43 C 101	40 22 59.2	81 43 05.5
Chili, rd. +ing, 150 ft. south of station	40 22 08.0	81 43 39.2
Chili, in n. w. cor. of +rds., 100 ft. s. and 23 ft. e. of W. & L. E. Ry. sta.; iron post stamped "**Prim. Trav. Sta. No. 26. Ohio, 1907**"	**40 22 08.3**	**81 43 38.9**
Chili, 1 mi. s. of sta.; rd. +ing	40 21 19.2	81 44 05.5
Fresno, 1.1 mi. n. of; rd. +ing, 260 ft. s. of milepost Z 40	40 20 39.2	81 44 04.2
Fresno, at s. e. cor. of public school grounds, n. e. cor. of founda. to school building bears N. 49° 15′ W., dist. 189.2 ft.; top of ornamental ball on n. w. cor. of brdg. over White Eyes Creek bears S. 48° 30′ E., dist. 55.2 ft.; iron post stamped "**Prim. Trav. Sta. No. 27. Ohio, 1907**"	**40 20 00.2**	**81 44 33.7**
Fresno, 1 mile south of; road crossing	40 19 11.6	81 44 38.7
Fresno, 2 miles south of; road crossing	40 18 16.9	81 44 50.8
West Lafayette, 1.5 mi. n. of; Fresno-West Lafayette rd. +ing on W. & L. E. Ry	40 17 51.9	81 44 53.2
West Lafayette, 100 ft. e. of sta.; Kirk St. +ing on Pennsylvania Ry. (on Coshocton quad.)	40 16 36.5	81 45 04.2
West Layayette, **Prim. Trav. Sta. No. 58, 1905**	**40 16 33.3**	**81 44 50.2**
West Lafayette to Isleta via P. C. C. & St. L. Ry.		
West Lafayette, 1 mi. s. of; T rd. e., 24 ft. e. to guidepost, "Plainfield 5 mi.," 38 ft. s. e. to + on cor. fence post	40 15 29.8	81 44 27.6
West Lafayette, at n. w. cor. of public school grounds, n. w. cor. of schoolhouse bears S. 16° 15′ E., dist. 256.6 ft.; iron post stamped "**Prim. Trav. Sta. No. 58, 1905**"	**40 16 33.3**	**81 44 50.2**
Milepost 77, 300 ft. e. of, rd. +ing; north track	40 16 24.3	81 43 04.4
Milepost 78, 700 ft. e. of, n.-s. rd. +ing; south track	40 16 18.5	81 41 51.8
Isleta sta., rd. +ing; south track	40 16 18.3	81 40 24.8
Isleta, 1 mi. s. e. of; forks of rd., 30 ft. n. to + on board fence, 75 ft. s. e. to + on telegraph pole	40 15 50.2	81 39 25.5

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Near north border of quadrangle east along highways

Youter schooolhouse, 1 mi. e. of; T rd. n., 36 ft. e. to N. I. Trayer's mail box	40 29 49.0	81 42 02.5
Union cheese factory, T rd. n. 27 ft. n. e. of cor. rail fence 43 ft. n. w. to mail box	40 29 26.4	81 40 54.7
Sugarcreek, about 1.5 mi. w. of; Holmes-Tuscarawas Co. line, 10 ft. n. to arrow painted on fence post	40 29 40.2	81 40 05.7
Sugarcreek, 0.75 mi. w. of; T rd. s., 10 ft. n. to junc. of fences	40 29 50.8	81 39 15.8

New Lexington Quadrangle

Near north border of quadrangle west along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Deavertown, cross streets, 48 ft. n. w. to s. e. cor. of post-office, 48 ft. s. w. to n. e. cor. of store at pump	39 44 03.1	82 02 16.7
T. 14 N., R. 14 W., n. cor. of secs. 34 and 35	39 44 28.2	82 03 37.0
Tropic sta., rd. crossing on Zanesville & Western Ry	39 44 20.6	82 04 36.0
Flatiron crossroads, guidepost	39 44 39.5	82 05 18.1

McLuney to New Lexington via Cincinnati & Muskingum Valley R. R.

McLuney, near sta. on land of Charles Myers, s. e. cor. of sta. bears S. 71° W., dist. 71.5 ft.; n. e. w. cor. of store bears S. 81° 40′ E., dist. 10 ft.; iron post stamped "**Prim. Trav. Sta. No. 65, 1905**"	**39 44 26.2**	**82 06 27.8**
Lyonsdale station, road crossing	39 43 54.8	82 08 13.8
Milepost 35, 0.5 mi. w. of; n.-s. rd. crossing	39 43 29.1	82 09 47.6
Wilburn station, road crossing	39 43 26.7	82 10 38.1
New Lexington, 1 mi. n. e. of; n.-s. road crossing	39 43 16.0	82 11 45.6
New Lexington, cen. of main track of C. & M. V. Ry. opposite station	39 43 08.7	82 13 00.0
Milepost 40, 900 ft. w. of., road crossing	39 43 20.9	82 14 35.7

New Lexington to Carbon Hill along highways

New Lexington, Perry County courthouse, in e. face at s. e. cor.; aluminum tab. stp. "**Prim. Trav. Sta. No. 1. Ohio. 1907**"	**39 42 50.3**	**82 12 29.4**
New Lexington, 0.7 mi. s. of courthouse, T. 15 N., R. 15 W., quar. cor. between secs. 9 and 16; 150 ft. e. of public rd.	39 42 15.9	82 12 25.1
New Lexington, 1 mi. s. of, rd. forks s. and s.e.; cen. of triangle	39 41 55.8	82 12 43.3
Bristol, about 1.25 mi. n. of, T. 15 N., R. 15 W., quarter cor. between secs. 20 and 21	39 40 58.8	82 13 05.9
Bristol, at e. edge of; T rd. n. cen. of triangle	39 40 07.4	82 13 24.3
Bristol, at w. edge of; 4 cor. at store and schoolhouse, 80 ft. s. w. to n. e. cor. of schoolhouse	39 40 08.0	82 13 46.2
Bristol, 0.7 mi. s. of, rd. forks e. and s. w., cen. of triangle	39 39 30.1	82 13 57.4
Bristol, 1 mi. s. of, second-class T rd. e., cen. of secs. 32, T. 15 N., R. 15 W.	39 39 15.8	82 13 48.4

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Pike-Salt Lick, e.-w. twp. line, cen. of main rd. 110 ft. s. of second-class road west	39 38 49.1	82 13 44.1
McCuneville, 0.7 mi. n. of, rd. +ing on B. & O. Ry., spur track to Jobs mines	39 38 17.6	82 13 30.2
McCuneville, at n. e. edge of; rd. crossing on B. & O. Ry., spur track to Jobs mines	39 37 42.8	82 14 00.0
McCuneville, at n. w. edge of, 2 ft. in front of e. end of schoolhouse; iron post stamped **"Prim. Trav. Sta. No. 2. Ohio, 1907"**	**39 37 43.5**	**82 14 09.3**
McCuneville, 1 mi. s. e. of, rd. crossing on B. & O. Ry., center of track	39 36 48.2	82 13 49.9
Shawnee, Shawnee-Straitsville rd. crossing on Z. & W. Ry., between freight and passenger sta., cen. of main track	39 36 09.6	82 12 45.5
Shawnee, 0.7 mi. s. w. of; 4 cor. T. 14 N., R. 15 W	39 35 44.7	82 13 18.2
New Straitsville, 0.75 mi. n. e. of; stone sec. cor. T. 14 N., R. 15 W., on hill, 450 ft. w. of rd. Salt Lick-Coal twp. line	39 35 19.2	82 13 30.1
New Straitsville, Main and Clark Sts. opposite C. & H. Coal & Iron Co's office	39 34 40.4	82 14 14.7
New Straitsville, at s. e. edge of, public rd. forks s. and s. e., 140 ft. s. to mine motor rd. +ing, 40 ft. s. e. to signboard, "Colgate 2 mi., Murray City 5 mi., Crawford schoolhouse 1.25 miles"	39 34 20.4	82 13 22.8
New Straitsville, 1.5 mi. s. e. of, public road forks s. and s. e.; signpost	39 33 42.2	82 13 22.9
New Straitsville, 1.75 mi. s. e. of, on n. side of sec. 24, T. 13 N., R. 15 W., 120 ft. e. of cen. of rd. in small field; Perry-Hocking county line	39 33 35.1	82 13 27.7
Perry-Hocking county line, 0.75 mi. s. of, public rd. forks s. and s. e., center of triangle	39 32 56.9	82 13 24.5
Sand Run, 2.5 mi. n. of; crossroads, 15 n. to top of small hill, 60 ft. w. to chestnut oak tree	39 32 49.0	82 13 38.1
Sand Run, 1.25 mi. n. of; T rd. e., cen. brdg. on n.-s. rd	39 31 57.6	82 13 53.4
Sand Run, at n. edge of, rd. forks n. & n. w.; cen. of triangle	39 31 10.2	82 14 19.0
Sand Run at n. w. cor. of pub. schoolhouse; iron post stam. **"Prim. Trav. Sta. No. 3. Ohio, 1907"**	**39 30 49.0**	**82 14 12.5**
Carbon Hill, at n. edge of; rd. forks n. and n. w., 10 ft. e to cor. of garden, 50 ft. n. w. to telephone pole	39 30 16.7	82 14 55.0
Carbon Hill, 200 ft. w. of Ry. sta., rd. crossing on Hocking Valley Ry.; center of track	39 30 03.5	82 14 47.4

New Straitsville east to point near Bishopville along highways

New Straitsville, 1.75 mi. s. e. of, Hocking-Perry Co. line; New Straitsville-Murray road crossing	39 33 34.2	82 13 15.1
Old Coalgate, 2 mi. n. w. of; rd. forks n. and w.; cen. of brdg.	39 33 14.3	82 12 11.2
Old Coalgate, about 0.5 mi. s. of, second class road n. up valley; center of small bridge	39 32 42.0	82 11 30.6
Murray, 0.5 mi. n. of sta., rd. +ing on H. V. Ry.; cen. of track	39 31 15.8	82 10 01.9
Murray, 30 ft. s. of H. V. Ry. sta.; cen. of track at st. +ing	39 30 51.0	82 09 58.2
Murray, 0.75 mi. n. e. of, forks of road on ridge, second class T road to s. w.; center of main road	39 31 23.5	82 09 34.5

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Murray, 1.5 mi. n. e. of, rd. n. on top of hill, 300 ft. s. e. of dwelling, 110 ft. n. to bending oak, 20 ft. e. to top of hill, 15 ft. to stump	39 31 51.0	82 09 02.8
Dwelling on top of ridge, T road s., 10 ft. s. to corner of picket fence, 25 ft n. w. to s. e. cor. of dwelling	39 32 04.2	82 07 53.4
James Brunten's mail box in triangle, at T road s	39 31 59.3	82 07 26.7
McLeish, rd. +ing on Z. & W. Ry.; center of main track	39 32 09.1	82 06 07.4
McLeish, T road e., 120 ft. s. of Sunday Creek; cen. of pike	39 31 56.6	82 06 07.6
McLeish, 0.8 mi. e. of, T rd. n.; center of triangle	39 32 05.8	82 05 15.6
T. 11 N., R. 14 W., e. side of sec. 17; cen. of rd. at +ing	39 32 04.5	82 05 11.5
Burr Oak, 1.25 mi. s. of, T rd. w.; center of triangle	39 31 46.8	82 04 22.5
Burr Oak, 1.5 mi. s. of, rd. +ing on K. & M. Ry., 100 ft. e. of covered bridge over creek; center of track	39 31 30.0	82 04 16.9
Bishopville, 0.6 mi. n. w. of; w. entrance to tunnel	39 31 08.8	82 03 15.8
Bishopville, at s. e. cor. of Christ. Church and Masonic Hall; iron post stpd. **"Prim. Trav. Sta. No. 4. Ohio, 1907"**	**39 30 47.2**	**82 02 58.6**
Bishopville, Main St. +ing on M. C. & C. Ry.; cen. of track	39 30 46.4	82 02 53.2
Bishopville, 0.8 mi. e. of; road fork e., pike to n. e., 30 ft. to locust tree, 40 ft. w. to walnut tree	39 30 40.6	82 02 11.9
Bishopville, 1.25 mi. n. e. of, at five corners; walnut tree on w. edge of pike	39 30 57.8	82 01 37.1
Bishopville, 2.1 mi. n. e. of, T rd. e., 25 ft. n. to oak tree, 35 ft. s. w. to locust tree; center of triangle	39 31 26.4	82 01 24.3

Portersville west to McCuneville along highways

Portersville, 1.8 mi. s. e. of, in s. e. cor. of crossroads; iron post stamped **"Prim. Trav. Sta. No. 13. Ohio. 1907"** (on McConnelsville quad.)	**39 39 59.4**	**81 59 51.1**
Portersville, at e. edge of; Morgan-Perry county line	39 40 21.6	82 01 42.3
Portersville, at n. edge of, T rd. w.; cen. of triangle, 30 ft. n. w. to telephone pole, 25 ft. e. to telephone pole	39 40 39.3	82 01 51.8
Portersville, 1 mi. w. of, T road n.; 30 ft. n. e. to small dwelling, 12 ft. s. to wire fence	39 40 18.6	82 02 46.9
Sayre, 1.5 mi. s. of, T road n.; cen. of triangle, 20 ft. n. w. to sign "Sayre station 1.5 mi.," 20 ft. n. e. to sign "Moxahala 6 mi., Portersville 2 mi."	39 40 12.1	82 03 38.0
Portersville, 3.25 mi. w. of, T road n. e.; 50 ft. s. to oak tree, 10 ft. w. to oak tree	39 39 54.2	82 04 45.4
Road crossing on Z. & W. R. R.; center of track	39 40 05.8	82 04 56.2
Oakfield, 1.5 mi. n. e. of, rd. forks. s. w., e., & n.; cen. of triangle	39 40 27.1	82 05 50.6
Oakfield, T road n.; center of triangle, 10 ft. n. to telephone pole, 60 ft. s. w. to cor. of dwelling	39 39 33.7	82 06 57.1
Oakfield, at w. edge of, at s. w. cor. of Oakfield brick schoolhouse, 200 ft. n. e. of three corners; iron post stamped **"Prim. Trav. Sta. No. 14. Ohio, 1907"**	**39 39 31.8**	**82 07 14.1**
Oakfield, 1 mi. s. w. of, 1 mi. s. of Moxahala; T rd. s., 30 ft. n. e. to locust walnut tree 40 ft. s. w. to small walnut tree, 15 ft. w. to T road n.	39 39 03.0	82 07 45.0

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Moxahala, 2 mi. s. w. of; T rd. e., 5 ft. e. to cen. of triangle, 20 ft. s. e. to corner of fence	39 38 35.8	82 08 51.8
T road east, center of triangle, 45 feet west to front-yard gate, 75 feet north to corner of barn	39 38 33.0	82 09 51.0
Greeleyville, (Jobs mines), 1.8 mi. e. of, T road e.; cen. of triangle	39 38 19.1	82 10 43.8
Greeleyville, (Jobs mines), 1 mi. e. of; T rd. n., 20 ft. e. to mail box, 31 ft. n. w. to hickory tree	39 38 37.4	82 11 36.2
Greeleyville, (Jobs mines), forks of road, 310 ft. n. of company store, 10 ft. w. to buggy house, 100 ft. n. to front door of old dwelling in road forks	39 38 22.8	82 12 40.9
McCuneville, n. e. edge of; road crossing on B. & O. Ry., spur track to Jobs mines	39 37 42.84	82 13 59.98

New London Quadrangle

Near south border of quadrangle along Baltimore & Ohio Ry.

Stations	Latitude	Longitude
Road crossing	41 01 56.3	82 15 35.8
Road crossing	41 01 57.0	82 16 49.5
Road crossing, ¼ mi. n. of crossroads at Nova	41 01 57.9	82 18 17.5
Road crossing	41 02 03.2	82 19 33.6
Road crossing	41 02 33.7	82 20 45.3
Road crossing	41 03 19.4	82 22 31.9
Hereford station	41 03 34.3	82 23 37.1
Rumley station	41 03 03.7	82 26 07.9
Road crossing	41 02 17.3	82 29 08.5
Near northeast corner of quadrangle along highways		
Wheeling & Lake Erie Ry., crossing of	41 10 10.1	82 16 30.2
Brighton, crossroads	41 10 15.8	82 18 33.3
Road west	41 12 55.1	82 18 21.8
Near northwest corner of quadrangle along highways		
Road east	41 13 19.0	82 29 29.1
Crossroads at Hartland	41 10 31.0	82 29 24.8
Near north border of quadrangle east along highways		
East Townsend, crossroads	41 14 53.5	82 29 30.0
East Townsend, 1.25 mi. e. of; crossroads	41 14 51.6	82 28 01.0
T. 4 N., Rs. 20 & 21 W., cor. of ¼ Ts. 1, 2, 3 & 4; +roads	41 14 50.7	82 26 31.8
Wakeman, road north through center	41 14 51.0	82 24 07.6
T. 4 N., R. 20 W., corner of ¼ Ts. 1, 2, 3 and 4	41 14 51.5	82 23 30.3
Todd schoolhouse, crossroads	41 14 16.8	82 21 40.0
Road north	41 14 16.5	82 20 49.7
Road north	41 14 15.7	82 19 55.5

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Crossroads T. 4 N., R. 19 W., cor. of lots 29, 28, 4, and 5..	41 14 15.3	82 18 15.4
Crossroads	41 14 15.3	82 17 22.0
T. 4 N., Rs. 18 and 19 W., Camden-Pittsfield tp. line	41 14 14.7	82 16 06.1
Crossroads	41 14 14.1	82 15 22.3

New Paris (see Richmond) Quadrangle

Norwalk Quadrangle

Through center of quadrangle east along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Havana, **"Prim. Trav. Sta. No. 29, 1906"**	**41 08 12.2**	**82 44 49.2**	.....
Havana, 0.2 mi. s. by 0.5 mi. e. of; cen. of T rd. w.	41 07 57.2	82 44 09.7	3,398
Schoolhouse, center of crossroads	41 07 53.5	82 43 05.8	4,916
T. 2 N., R. 23 W., n. cor. of ¼ Ts. 2 & 3; cen. T rd e.	41 08 27.2	82 41 14.9	9,158
T. 2 N., R. 23 W., south corner of ¼ Ts. 1 and 4.	41 08 27.2	82 41 14.7	10
Macksville, 1.8 mi. s. by 0.2 mi. w. of; cen. of +rds.	41 08 25.8	82 39 19.0	8,881
Tps. 2 and 3 N., R. 22 and 23 W., stone at cor. of ¼ Ts. 1, 2, 3 & 4, +rds.; sign "Macksville 1¼ mi., Fairfield 4 mi."	41 08 25.2	82 38 19.2	4,590
North Fairfield, 2 mi. n. of, near s. e. cor. of +rds., 60 ft. w. by 25 ft. n. to stone at cen. of +roads; iron post stam. **"Prim. Trav. Sta. No. 48. O., 1910"**	**41 08 23.5**	**82 36 45.2**	**7.200**
Tps. 2 and 3 N., R. 22 W., cor. of ¼ Ts. 1, 2, 3 & 4; cen. of crossroads at frame schoolhouse	41 08 22.9	82 35 18.6	6,640
Frame schoolhouse, center of T road south	41 08 22.1	82 33 54.0	6,490
Tps. 2 and 3 N., Rs. 21 and 22 W., cor. of ¼ Ts. 1, 2, 3 and 4; center of crossroads	41 08 21.4	82 32 18.5	7,320
Olena, 2 mi. s. e. of, 3 mi. n. w. of Fitchville, at n. e. cor. of Norwalk-Fitchville rd. at rd. e., 30 ft. s. by 5 ft. w. to cen. of intersec. of rds.; iron post stamped **"Prim. Trav. Sta. No. 49. Ohio, 1910"**	**41 07 55.0**	**82 31 17.8**	**5.370**
Fitchville, 2 mi. n. w. of; Norwalk-Fitchville road at road south	41 07 19.2	82 30 46.6	4,348
Fitchville, 1.2 mi. w. & 0.8 mi. n. of; cen. of +rds.	41 06 08.6	82 30 49.6	7,143

Near Greenwich along Baltimore & Ohio Ry. and highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Road crossing	41 02 05.9	82 30 00.2
Greenwich station, street crossing 100 feet east	41 02 04.7	82 30 39.3
Road west	41 00 40.6	82 30 35.8

Near east border of quadrangle south along highways

T road north	41 08 40.1	82 30 50.4

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School No. 4, road west	41 07 49.0	82 31 12.4
Crossroads	41 06 08.6	82 30 48.8
Road east	41 03 53.4	82 30 44.0
Greenwich, brnz. tab. in base of standpipe at city waterwks.	41 01 37.3	82 31 12.7
Near north border of quadrangle east along highways		
Road north-south	41 14 59.5	82 39 54.4
Norwalk, corner of Whittsey and Washington Streets	41 14 58.7	82 37 11.8
Norwalk, junction of W. & L. E. and L. S. & M. S. Rys.	41 14 52.4	82 36 08.8
T. 4 N., R. 22 E., corner of ¼ Ts. 1, 2, 3, and 4	41 14 58.9	82 35 25.0
Crossroads	41 14 58.0	82 33 56.8
Crossroads at School No. 3	41 14 56.7	82 31 57.2
Road north-south, (on New London quad.)	41 14 53.5	82 29 30.0
Townsend, U.S. Lake Survey triangle sta., (on Vermilion quadrangle)	41 15 43.26	82 28 59.77
Near west border of quadrangle south along highways		
Bridge over large ditch, center of	41 01 07.0	82 43 53.1
T. 1 N., Rs. 23 & 24 W., cor. of ¼ Ts. 1, 2, 3, & 4; + rds., 42 ft. n. w. to guidepost, 28 ft. n. e. to corner fence post	41 01 55.2	82 43 54.7
Near Chicago Junction along Baltimore & Ohio Ry.		
Chicago Junction, range line road crossing on main line of B. & O. Ry	41 03 40.0	82 43 59.2
Township line, road crossing	41 04 07.4	82 44 11.0
Havana, e. line of B. & O. Ry. property, just s. of rd. + ing, n. w. cor. of stone porch bears S. 23° E., dist. 117.7 ft.; n. e. corner of founda. to Flath & Gross's undertaking estab. bears S. 52° 45′ W., distant 74.9 feet; iron post stamped **"Prim. Trav. Sta. No. 29. Ohio, 1906"**	**41 08 12.2**	**82 44 49.2**
Havana, 0.3 mile north of; township line road crossing	41 08 30.4	82 44 41.5
Tps. 2 & 3 N., Rs. 23 & 24 W., cor. stone of ¼ Ts. 1, 2, 3, & 4.	41 08 29.8	82 44 10.5
Milepost 22, 0.33 mile north of; east-west road crossing	41 09 23.0	82 44 18.6
Milepost 20, 1,090 feet south of; road crossing	41 10 32.4	82 43 48.5
Pontiac, road crossing just south of station	41 11 18.9	82 43 28.3
Milepost 18, 1,435 feet north of; east-west road crossing	41 12 35.3	82 42 55.4
Monroeville, crossing of B. & O. and L. S. & M. S. Rys.	41 14 25.4	82 42 08.1
Monroeville, n. part of, n. of rd. + ing, at e. property line, small maple tree in cor. of yard bears S. 63° 30′ E., dist. 46.7 ft.; center of B. & O. Ry. track at rd. + ing bears S. 57° W., dist. 30 feet; iron post stamped **"Prim. Trav. Sta. No. 30, 1906"**	**41 14 47.7**	**82 41 52.5**
Near Greenwich		
Milepost 58, 1,080 ft. n. e. of; n.-s. rd. + ing on Big 4 Route	41 00 08.6	82 33 32.0
Milepost 57, 0.5 mile n. e. of east-west road crossing	41 00 50.8	82 32 30.4

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Oak Harbor Quadrangle

Trowbridge to Oak Harbor via Wheeling & Lake Erie R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Trowbrdg., 4½ mi. s. e. of; +ing 900 ft. w. of head block..	41 33 00.3	83 12 46.0
Oak Harbor station, crossing 700 feet east of.....	41 31 11.8	83 08 43.6
At Lacarne on Lake Shore & Michigan Southern Ry.		
Lacarne, crossing 1,000 feet east of station.....	41 31 09.9	83 02 22.0

Oak Hill Quadrangle

Near north border of quadrangle west along highways

Stations	Latitude	Longitude
Rocky Hill station, pike crossing on C. H. & D. Ry.....	38 59 21.5	82 32 40.6
Rocky Hill sta., 0.75 mi s. of, n. e. cor. of J. N. Evans's field at e.-w. rd. crossing, cen. of rd. crossing bears N. 44° 15′ E., dist. 27.2 ft.; iron post stamped **"Prim. Trav. Sta. No. 14. Ohio, 1906"**.....	**38 58 58.8**	**82 32 39.6**
T. 6 N., R. 18 W., quar. cor. e. side of sec. 13; rd. w. at jog	38 59 02.3	82 33 33.0
T rd. n. near quar. cor. e. side of sec. 14; 9 ft. s. to s. end of box culvert.....	38 59 10.5	82 34 41.2
Keystone station, pike crossing on B. & O. Ry.....	38 59 16.4	82 36 19.4
Keystone, 1.66 mi. w. of sta., in s. w. cor. of Wm. Cloar's field at T rd. e., cross cut on s. e. cor. of brdg. abut. bears S. 50° W., dist. 37.5 ft.; junc. of rds. bears S. 7° W., dist. 34 ft.; iron post stpd. **"Prim. Trav. Sta. No. 15. Ohio, 1906"**	**38 59 23.4**	**82 38 13.1**
Franklin Grange Hall, 0.2 mi. s. w. of; Jackson-Mabee, pike, at rd. n. e., 18 ft. s. e. to mail box No. 14; 21 ft. w. to center of gate.....	38 58 30.7	82 39 35.6
T. 6 N., R. 19 W., n. e. cor. of sec. 24; junc. of fences at s. e. cor. of woods.....	38 59 08.1	82 40 22.7
Fairview school, 0.5 mi. n. e. of; T rd. s., 22 ft. n. w. to walnut tree, 25 ft. s. e. to cross cut on small gum tree	38 59 24.9	82 41 12.9
Jackson pike at rd. s., 27 ft s. w. to white oak tree, 21 ft. s. e. to corner of wire fence.....	38 59 48.4	82 43 28.1
Near east border of quadrangle south along C. H. & D. Ry.		
Coal shaft, road crossing at siding	38 57 35.6	82 31 56.3
Rempel, 600 ft. n. of sta., in rock cut; tab. stamped "688" **"Prim. Trav. Sta. No. 16. Ohio, 1906"**.....	**38 56 28.3**	**82 31 21.6**
Milepost 37, 0.3 mi. s. w. of; n.-s. road crossing.....	38 55 34.7	82 31 37.7
McKittericks, 700 ft. north of; road crossing.....	38 54 33.2	82 32 28.6
T. 7 N., R. 17 W., n. e. cor. stake sec. 19, 20 ft. s. w. to large white oak tree.....	38 54 35.4	82 32 52.0

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Milepost 34, 60 ft. n. of e.-w. road crossing	38 53 41.5	82 32 38.3
Kitchen, rd. crossing just s. of sta. bears N. 85° 30′ W., dist. 81 ft.; at s. w. cor. of T rd. w.; iron post stamped **"Prim. Trav. Sta. No. 17. Ohio, 1906"**	**38 52 12.3**	**82 32 31.9**
Kitchen, 1 mile south of; road crossing	38 51 33.0	82 32 13.1
Jackson-Gallia county line	38 51 02.3	82 31 47.9
Milepost 30, n.-s. road crossing 300 feet east of	38 50 31.7	81 31 21.5
Gallia station, road crossing just south of water tank	38 49 49.6	82 31 04.9
Road fork, "Elev. 851.8" painted on n. end of culvert (on Bidwell quad.)	38 48 21.0	82 29 18.3
Near south border of quadrangle west along highways		
Gallia-Lawrence county line, 0.8 mi. n. of, s. cor. of crossroads, 3.5 mi. w. of Wagner triangulation sta., nail in maple tree bears N. 21° W., dist. 40 ft.; nail in hickory tree bears S. 25° W., dist. 30.8 ft.; iron post stamped **"Prim. Trav. Sta. No. 18. Ohio, 1906"**	° ′ ″ **38 47 16.1**	° ′ ″ **82 31 12.5**
T road n., 24 ft. w. to apple tree, 21 ft. s. e. to dead tree	38 46 53.1	82 31 44.8
Loyd's store, 0.25 mi. n. e. of, T rd. n. e.; apple tree in triangle	38 47 07.4	82 33 44.2
C. H. & D. Ry. at Gallia-Lawrence county line	38 46 42.5	82 34 50.5
Tps. 5 and 6 N., R. 17 W., s. w. cor. of sec. 31, approximate s. w. cor. of Gallia county; blazed black oak tree	38 46 44.1	82 34 58.3
Olive Furnace, 0.5 mi. n. e. of sta., n. of C. H. & D. Ry. at rd. crossing, joint of s. rail at crossing bears S. 45° 30′ E., dist. 39.5 ft.; iron post stamped **"Prim. Trav. Sta. No. 19. Ohio, 1906"**	**38 45 36.1**	**82 37 24.2**
Olive Furnace, 1 mi s. w. of; crossroads, 26 ft. n. w. to small elm tree, 39 ft. n. to small sycamore tree	38 45 22.6	82 38 40.4
Lawrence-Scioto, n-s. county line, 14 feet e. to maple tree, 26 ft. n. to junction of fences at road southeast	38 45 25.8	82 39 43.6
Madland, n. e. cor. of sec. 6, T. 3 N., R. 18 W.; large white oak tree just east of post office	38 45 48.1	82 40 49.7
Bridge over Piney Creek, about 600 ft. n. e. of; T rd. e., 30 ft. n. to gate hinge, 25 ft. n. w. to cross on board fence.	38 46 15.7	82 42 19.6
Andre, 1 mi. n. of sta.. private rd +ing on D. T. & I. Ry.	38 45 37.2	82 43 38.6
Andre, rd. crossing 70 ft. s. of sta. (on Ironton quad.)	38 44 47.6	82 44 06.2
Andre, n. e. cor. stone of sec. 9, T. 3 N., R. 19 W., at junc. of fences, 1 mi. n. w. of sta. (on Sciotoville quad.)	38 45 08.8	82 45 00.8
T rd. w. 24 ft. n. w., to E. Strickland's mail box, 24 ft. s. w. to cross on fence post (on Sciotoville quad.)	38 45 22.7	82 46 38.0
Through center of quadrangle west along highways		
T road east	38 52 53.5	82 34 05.4
Oak Hill, 500 ft. s. of sta.; pike crossing on B. & O. Ry.	38 53 38.3	82 34 24.7
T. 5 N., R. 18 W., forks of road 0.8 mi. w. of Oak Hill	38 53 48.2	82 35 17.6
Mount Horeb Church, north of; crossroads	38 54 12.2	82 36 43.2
Jefferson Furnace, 1.5 mi. n. w. of, in s. e. cor. of founda. of Homer schoolhouse; alum. tab. stamped **"Prim. Trav. Sta. No. 2. Ohio, 1910"**	**38 54 24.0**	**82 37 20.0**

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T. 5 N., R. 18 W., corner of secs. 9, 10, 15, and 16; 15 feet west to center of T road south	38 54 24.4	82 37 27.4
Homer schoolhouse, 0.8 mi. southwest of; forks of road	38 54 12.8	82 38 14.0
A. C. Arthur's house, crossroads	38 53 24.2	82 39 40.2
Forks of road	38 53 10.8	82 41 18 6
T. 5 N., R. 19 W., quar. corner between secs. 13 and 24	38 53 44.2	82 41 26.0
T. 5 N., R. 19 W., corner of secs. 13, 14, 23, and 24	38 53 45.7	82 41 54.5
Mabee, T road south	38 54 11.5	82 43 10.5
Covered bridge, west of; T road northeast	38 52 58.9	82 44 39.7

Oberlin (Lorain) Quadrangle

Near southwest part of quadrangle north along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Crossroads 1 mi. south of Oberlin	41 15 55.6	82 13 01.2
Crossing on Lake Shore & Michigan Southern Ry	41 16 53.1	82 14 11.8
Crossroads	41 17 40.6	82 14 18.2
T. 5 N., R. 18 W., cor. of lots 53, 54, 63, and 64; road east	41 18 32.3	82 14 16.3
South Amherst, crossroads	41 21 27.2	82 14 25.2

Octa Quadrangle

Near east border of quadrangle north along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Jasper Mills, B. & O. Ry. crossing, 0.75 mi. e. of. *Azimuth, 253° 36′*	39 31 19.1	83 30 27.0
Sugarcreek church, intersec. of Palmer pike east-west and road north, about 300 feet west of	39 32 54.1	83 30 27.5
Johnstown schoolhouse	39 33 59.5	83 30 19.6
Township line, stone post	39 34 28.5	83 30 46.4
Luray siding on C. H. & D. Ry., east switch block	39 34 36.3	83 30 51.6
Haglers, Detroit, Toledo & Ironton Ry. crossing	39 35 16.8	83 30 55.7
Washington-Jefferson pike, northwest-southeast	39 35 41.1	83 30 46.2
Blackoak schoolhouse, platform in front of	39 36 08.6	83 30 29.8
Paint Creek, w. end of bridge over (on Mt. Sterling quad.)	39 37 10.1	83 29 17.2
McDills blacksmith shop, road east-west	39 38 58.3	83 30 01.1
Paint Creek, center of bridge over	39 39 35.3	83 30 16.7
Paint Creek, south end of iron bridge over	39 39 49.9	83 30 17.2
Pike west at small bridge	39 40 31.3	83 30 15.7
Maple Grove schoolhouse	39 41 47.6	83 30 15.2
Fayette-Madison county line, stone monument	39 42 29.9	83 30 10.1
Stokes-Range township monument	39 44 02.8	83 30 07.8

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Sedalia, 2 miles west of; center South Solon pike, in front of Jim Chapman's gate	39 43 59.8	83 31 02.3
Near north border of quadrangle west along highways		
T road north	39 44 02.7	83 30 01.9
Y road east	39 43 41.5	83 31 32.1
Grasse Point church, T road north at	39 43 50.2	83 32 00.2
Paint Creek, center of covered bridge over	39 43 58.2	83 32 31.6
T road south	39 44 07.8	83 32 50.1
T road north	39 44 11.4	83 34 51.6
Thomas schoolhouse, T road south at	39 44 12.4	83 35 13.5
South Solon, Main Street crossing on D. T. & I. Ry	39 44 14.9	83 36 34.1
South Solon, crossing of Main and Washington Streets	39 44 15.5	83 36 50 7
South Solon, T road south 1 mile west of	39 44 19.6	83 38 06.5
Madison-Greene county line, stone monument	39 44 24.4	83 39 03.7
T road southwest	39 44 36.7	83 39 47.9
Gladstone, intersection of roads 1 mile north of (on South Charleston quad.)	39 45 17.7	83 41 15 7
Gladstone, intersection of pikes one-fourth mile south of	39 44 18.5	83 41 03.3
T road northwest	39 43 55.1	83 42 46.0
Shiloh Academy, T road north, 0.5 mile east of	39 43 45.7	83 43 27.6
Near west border of quadrangle		
Jamestown, 2 mi. s. of, s. e. cor. of crossroads; iron post stamped "**Prim. Trav. Sta. No. 55. Ohio, 1909**"	**39 37 33.9**	**83 43 51.6**
Jamestown, 1 mile south of; center of T road east	39 38 20.8	83 43 48.8
Jamestown, about 500 ft. w. of sta; crossing of C. H. & D Ry. and pike	39 39 22.4	83 44 06.0
Oak Grove schoolhouse No. 3, 0.8 mile s. e. of; Jamestown-Cedarville pike at road northwest	39 40 45.1	83 44 20.9
Oak Grove schoolhouse, 0.7 mi. n. w. of; Jamestown-Cedarville pike at intersec. with rd. s. w., 15 ft. s. w. to e. cor. of triangular grass plat	39 41 50.8	83 44 56.6
Cen. of pike on e.-w. Silver Creek-Jefferson township line	39 37 01.8	83 43 38.3
T road east, center of	39 35 46.7	83 43 22.2
Bowersville, center of cross streets, at town well	39 34 49.5	83 43 28.2
North-south road crossing D. T. & I. Ry	39 34 30.6	83 44 01.4
Greene-Clinton county line stone post, near road	39 33 16.9	83 44 28.8
Bowersville, 2.5 miles s. of, 0.5 mile s. of Greene-Clinton county line; center of crossroads	39 32 53.7	83 44 47.2
Through center of quadrangle east along highways		
Jamestown, about 2.5 mi. s. e. of, T rd. s.; cen. of triangular plat	39 37 19.4	83 42 15.8
Pleasant Valley schoolhouse, center of T road south	39 37 06.4	83 41 07.1
Rosemoor, near station, road crossing on C. H. & D. Ry	39 37 43.3	83 40.00.2

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Greene-Fayette county line post, cen. of C. H. & D. Ry., track opposite	39 37 37.1	83 39 45.8
Edgefield, road crossing on C. H. & D. Ry	39 37 04.7	83 38 31.0
Edgefield, 1 mi. n. of, at Maple Grove schoolhouse; cen. of T road south	39 38 03.2	83 38 13.6
West Lancaster, in s. w. part of town, s. w. cor. of intersec. of rds. at T rd. s.; iron post stamped **"Prim. Trav. Sta. No. 58. Ohio, 1909"**	**39 37 22.6**	**83 36 43.1**
Jasper-Jefferson township line, 10 ft. s. to cen. of T rd. s.	39 36 37.2	83 35 12.0
Creamer farm, intersection of Washington-Jamestown pike with road northwest	39 36 24.0	83 33 54.8
Washington-Jeffersonville pike and crossroad, center of intersection, near Mr. Gaull's mail box	39 36 01.4	83 33 08.8
Jasper tp., n. e. cor. of; cen. of n.-s. rd. at wire fence w.	39 36 34.3	83 32 51.8
Parrott, near station, rd. crossing on D. T. & I. Ry	39 36 51.8	83 31 53.2
Parrott, 1.25 mi. e. of sta., n. side of T rd. s.; iron post stamped **"Prim. Trav. Sta. No. 59. Ohio, 1909"**	**39 36 56.7**	**83 30 29.4**
Blackoak schoolhouse, center of road opposite (on Mount Sterling quadrangle)	39 36 08.7	83 30 29.8
Near southeast corner of quadrangle along highways		
Jasper, 0.8 mi. e. of sta., at s. w. cor. of crossroads; iron post stamped **"Prim. Trav. Sta. No. 60. Ohio, 1909"**	**39 31 09.0**	**83 30 27.8**
Corner stone at T road northwest	39 30 01.2	83 30 38.4
Near south border of quadrangle		
Milepost 69, crossing 800 feet west of	39 30 12.2	83 35 19.4
Rattlesnake, crossing over railroad at	39 30 41.8	83 33 09.4
Jasper Mills, crossing at	39 31 08.0	83 31 14.4

Ottawa Quadrangle

Near south border of quadrangle east along Cincinnati, Hamilton & Dayton Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Road crossing, north-south	41 01 14.1	84 14 45.4
Rs. 5 and 6 E., road crossing between	41 01 14.5	84 13 36.3
Detroit, Toledo & Ironton Ry. crossing, Ohio Electric	41 01 14.7	84 12 59.0
Croswell station	41 01 15.0	84 11 58.1
Road crossing, north-south	41 01 15.0	84 11 52.7
Road crossing, n. e. and s. w	41 01 15.4	84 10 18.0
Avis, road crossing	41 01 15.4	84 10 09.7
Road crossing, north-south	41 01 15.7	84 08 59.7
Road crossing, n. e. and s. w	41 01 15.8	84 08 25.8
Road crossing, north-south	41 01 15.8	84 08 07.9

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Rs. 6 and 7 E., road crossing between	41 01 16.4	84 06 41.2
Road crossing, north-south	41 01 16.8	84 05 32.3
Road crossing, north-south	41 01 17.0	84 04 57.5
Road crossing, n. e. and s. w	41 01 17.1	84 04 42.1
Glandorf, road crossing	41 01 17.2	84 04 23.4
Glandorf, road crossing one-half mile east of	41 01 17.4	84 03 48.0
Ottawa, crossing on Cincinnati, Hamilton & Dayton Ry.	41 01 17.7	84 02 51.0
Ottawa, station of former Findlay, Fort Wayne & W. Ry.	41 01 17.7	84 02 49.0
Road crossing, north-south	41 01 17.8	84 02 39.4
Detroit, Toledo & Ironton Ry. crossing	41 01 17.9	84 02 04.4
Near west border of quadrangle south along highways		
T. 3 N., R. 5 E., cor. of secs. 11, 12, 13, and 14.	41 13 26.1	84 14 48.6
T. 3 N., R. 5 E., cor. of secs. 23, 24, 25, and 26	41 11 41.7	84 14 49.8
Tps. 2 and 3 N., R. 5 E., cor. of secs. 1, 2, 35, and 36	41 09 57.3	84 14 50.2
T. 2 N., R. 5 E., cor. of secs. 11, 12, 13, and 14	41 08 13.0	84 14 49.7
T. 2 N., R. 5 E., cor. of secs. 23, 24, 25, and 26	41 06 28.1	84 14 48.4
Tps. 1 and 2 N., R. 5 E., cor. secs. 1, 2, 35, and 36	41 04 43.4	84 14 47.2
T. 1 N., Rs. 5 and 6 E., cor. of secs. 1, 6, 7, and 12	41 03 52.0	84 13 37.7
T. 1 N., Rs. 5 and 6 E., cor. of secs. 25, 30, 31, and 36	41 00 22.3	84 13 35.9
Near southeast corner of quadrangle		
T. 1 N., R. 7 E., w. cor. of secs. 25 & 36; cen. of road at fence e.	41 00 26.7	84 00 54.8
Holgate to Hamler via Baltimore & Ohio Ry.		
Holgate, crossing of B. & O. Ry. and Clover Leaf Route	41 14 53.9	84 07 40.5
Holgate, 1 mi. e. of. in n. w. cor. of field at T rd. s. T. 3 N., R. 7 E., w, quar. cor. to sec. 6 is 30 ft. w. and 35 ft. n. of sta.; iron post stamped "**Prim. Trav. Sta. No. 10, 1905**"	**41 14 46.0**	**84 06 47.7**
Holgate, 2 miles east of; road crossing n. w.-s. e	41 14 30.0	84 05 34.6
Hamler, 2.5 miles west of, section line; road crossing n.-s	41 14 17.4	84 04 28.8
T. 3 N., R. 7 E., cor. of secs. 4, 5, 8, and 9; stone at +roads	41 14 21.0	84 04 28.8
Hamler, 1.25 miles west of; road crossing north-south	41 14 04.1	84 03 18.9
Hamler, crossing of B. & O. and D. T. & I. Rys	41 13 46.7	84 01 47.4
Road crossing northeast-southwest, south track	41 13 31.1	84 00 25.4

Otway Quadrangle

Near northeast corner of quadrangle along Norfolk & Western Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Milepost 88, private road crossing 1,080 feet south of	38 53 45.3	83 00 05.1

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	° ′ ″	° ′ ″
Milepost 87, Chillicothe-Portsmouth pike crossing northwest-southeast 630 feet n. of	38 54 48.0	83 00 44.4
Clifford station	38 55 29.3	83 01 12.4
Wakefield, road crossing east-west 1 mile south of.	38 57 14.3	83 01 22.6
Wakefield, road crossing	38 58 13.1	83 01 14.2
Wakefield, Chillicothe-Portsmouth pike crossing 1 mi. n of	38 58 57 7	83 01 19.5
Sargents Pit, mi'post 81 near, private rd. +ing 760 ft. s. of	38 59 38.0	83 01 21.0

Along highways

	° ′ ″	° ′ ″
Pond Creek rd. at rd. e. along ridge, 5 ft. w. to small white oak tree	38 45 31.7	83 04 13.3
Upper Pond Creek schoolhouse, 0.3 mi. e. of; cen. of T rd. w. at W. E. Davis's res., 25 ft. w. to stump.	38 46 48.1	83 05 24.4
Pond Creek Baptist Church, w. of; T rd. s., 15 ft. w. and 30 ft. s. to A. J. Carter's mail box	38 46 44.9	83 06 32.6
Bertha, about 5 mi. n. w. of, in s. w. cor. of found. of W. S. Newman's res. on Pond Creek; alum. tablet stamped **"Prim. Trav. Sta. No. 6. Ohio. 1910"**	**38 46 50.3**	**83 07 50.1**
Grant de Mint's residence, front-yard gate	38 46 30.6	83 08 50.7
Pond Creek-Bear Creek divide, top of; forks of road	38 46 34.8	83 09 51.5
Forks of Bear Creek, n. side of triangle in forks of road; James Morgan's mail box	38 47 33.3	83 11 31.1
William Rousch's res., 0.25 mi. s. of; T rd. w. at house, 15 ft. north to southeast corner of yard fence	38 46 46.7	83 12 43.3
M. M. Smith's mail box, stump at forks of road	38 47 08.5	83 13 21.2
New Amsterdam schoolhouse; center of T road northeast	38 47 35.7	83 13 49.4
Pink, 3 mi. n. of; center of T road east at Halve's res.	38 48 22.0	83 14 51.0
Pink, 3.5 miles north of; center of T road east	38 48 51.9	83 14 30.4
J. W. Smith's mail box at private road southeast	38 50 50.0	83 12 39.5
Otway, 0.8 mi. s. w. of, just n. of bridge over Brush Creek; center of forks of road	38 51 18.1	83 12 13.5
Otway, 730 ft. s. e. of station, road crossing on N. & W. Ry.	38 51 50.1	83 11 15.5
Otway-Brush township line	38 52 01.4	83 11 29.1
Otway, 1 mile northwest of; road crossing	38 52 37.9	83 11 48.2
Milepost 22, 1,200 ft. s. of; road crossing	38 53 37.5	83 11 56.9
Rarden-Brush Creek township line	38 53 55.6	83 12 22.1
Milepost 24, track opposite	38 54 59.6	83 13 38.1
Rarden, road crossing at station	38 55 16.8	83 14 35.9
Rarden, 1.8 mi. n. of; cen. of T rd. n. e. in Dry Fork Creek	38 56 47.4	83 14 51.9
Harmon, 1 mile southwest of; center of T road north	38 59 18.8	83 14 53.8
Harmon, in schoolhse. yd.; Pike-Scioto Co. line monument	38 59 55.4	83 14 02.0
Atkins's store, center of pike at road northwest	38 51 59.5	83 13 27.4
James Jones's residence, forks of road	38 51 17.0	83 14 28.8
Otway, 2 mi. n. e. of; center of T road n. w. at top of hill.	38 53 33.5	83 10 05.8
Comstock, pike at rd. s. w., 15 ft s. e. to forked apple tree	38 53 37.5	83 08 55.7

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	° ′ ″	° ′ ″
Comstock, 1 mi. e. of; s. side of pike at rd. n., 10 ft. n. to cen. of T rd.; iron post stamped **"Prim. Trav. Sta. No. 7. Ohio, 1910"**	**38 53 40.1**	**83 07 55.2**
Crabtree, forks of road at T. F. Crowe's store, 10 ft. n. w. to north end of stone culvert	38 53 31.9	83 06 16.6
Crabtree, 1 mi. s. e. of; 45 ft. e. to bridge cen.; pike at rd. s.	38 52 53.7	83 05 50.8
John Noel's residence, center of pike at T road south	38 52 45.1	83 04 54.4
Rush Free Baptist Church, w. of; pike at road northeast.	38 51 49.8	83 03 42.9
Owensville, center of T road north at McDaniel's store	38 51 04.1	83 02 23.2
Owensville, 0.8 mi. s. e. of, just w. of bridge over Dutch Run, 24 ft. n. to e. end of stone culvert; forks of pike	38 50 30.9	83 01 48.0
Racetown, cen. of T pike w. at old church building	38 50 32.6	83 01 14.6
Racetown, 1.5 miles north of; pike at T road west	38 51 54.5	83 00 53.0
Lucasville, 1 mi. w. of; cen. of T pike e. at bridge over canal	38 52 30.4	83 00 57.3
Near north border of quadrangle east along highways		
Harmon, 0.3 mi. e. of; Scioto-Pike county line monument	38 59 52.2	83 13 37.4
McKinley res., 0.2 mi. e. of; Scioto-Pike county line mon.	38 59 36.7	83 13 11.9
Scioto-Pike county-line monument in field	38 59 20.0	83 12 49.7
J. E. Teeter's residence, just north of; T road east	38 59 15.5	83 12 50.1
Scioto-Pike county line monument in field	38 59 13.8	83 12 49.3
Ladd, center of crossroads at postoffice,	38 59 12.9	83 10 53.4
Ladd, 1 mi. s. of postoffice, s. w. point of triangle formed by forks of rd., crossroad is just n. of forks	38 58 16.6	83 10 52.5
Ladd, near center of T road south at large barn	38 58 29.2	83 09 31.1
Star schoolhouse, 0.5 mi. w. of; cen. of T rd. n., 65 ft w. to cen. of steel bridge near Creek Fork	38 58 55.6	83 08 35.3
Camp, 1 mi. w. of postoffice, n. e. cor. of Jerry Star's farm, s. w. cor. of T rd. n. at Star schoolhouse; iron post stamped **"Prim. Trav. Sta. No. 80. Ohio, 1909"**	**38 58 46.6**	**83 08 01.3**
Camp, center of crossroads	38 58 27.8	83 06 56.9
Camp, near T road south at John M. Jones's mail box	38 58 26.2	83 04 56.3
Coopersville, 1 mile west of; road east at w. point of grove	38 58 20.6	83 03 53.1
Coopersville, bridge over canal, center of crossroads w. of	38 57 40.5	83 02 39.3
Wakefield, s. of; Columbus-Portsmouth pike at road w.	38 58 04.6	83 01 19.9

Oxford (Eaton) **Quadrangle**

Near southeast corner of quadrangle

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Jacksonboro, T road east 1.5 miles south of	39 31 00.7	84 30 14.5
Jacksonboro, crossroads	39 32 19.7	84 30 07.1
Near north border of quadrangle west along highways		
Tps. 5 and 6 N., R. 3 E., corner of secs. 1, 2, 35, and 36	39 44 41.7	84 30 01 0

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Tps. 5 and 6 N., R. 3 E., corner of secs. 2, 3, 34, and 35..	39 44 41.2	84 31 09.4
West Alexandria, +ing of Dayton and Main Sts. *Azimuth of Cincinnati Northern Ry. in W. Alexandria is 336° 32'*	39 44 40.9	84 31 54 5
Tps. 5 and 6 N., R. 3 E., corner of secs. 4, 5, 32, and 33...	39 44 40.4	84 33 25.3
Tps. 5 and 6 N., R. 3 E., s. corner of secs. 31 and 32.....	39 44 39.9	84 34 32.8
Tps. 5, 6, 7, and 8 N., Rs. 2 and 3 E., s. cor. of secs. 31 & 36	39 44 39.4	84 35 40.1
Tps. 7 and 8 N., R. 3 E., cor. of secs. 1, 2, 35, and 36.....	39 44 38.9	84 36 45.8
Eaton, +ing Penn. Ry. & Main St. *Azimuth of Ry., 168° 28'*	39 44 39.0	84 37 47.4
Eaton, in w. part of; intersec. of Main St. & Richmond pike	39 44 38.9	84 38 27.0
Tps. 7 and 8 N., R. 2 E., corner of secs. 4, 5, 32, and 33..	39 44 38.2	84 40 08.3
Tps. 7 & 8 N., Rs. 1 & 2 E., corner of secs. 1, 6, 31, and 36	39 44 37.8	84 42 11.5
T. 8 N., R. 1 E., south corner of secs. 35 and 36.....	39 44 37.8	84 43 18.8

Near west border of quadrangle north along highways

T. 5 N., R. 2 E., near northeast corner of sec. 36; T road e. (on Hamilton quad.).....	39 29 35.8	84 41 48.4
T. 5 N., R. 1 E., northeast corner of sec. 25; T road north.	39 30 30.1	84 42 08.7
Fourmile Creek, center of covered bridge over.....	39 30 34.6	84 43 03.2
T. 5 N., R. 1 E., northeast corner stone of sec. 26.....	39 30 28.5	84 43 16.0
Oxford, in southwest corner of City Hall; aluminum tablet stamped **"Prim. Trav. Sta. No. 1, 1908"**	**39 30 37.4**	**84 44 25.2**
Oxford, n. end of College Ave., at cen. of junc. with e.-w. st.	39 30 55.6	84 44 42.7
T. 6 N., R. 1 E., northeast cor. of sec. 34; cen. of T road e.	39 34 56.6	84 44 28.7
T. 6 N., R. 1 E., northeast corner of sec 22.....	39 36 42.5	84 44 27.8
Ramsey School No. 2, in northwest corner of schoolhouse; alum. tab. (elev. 1,038) stpd. **"Prim. Trav. Sta. No. 2, 1908"**	**39 37 35.8**	**84 44 27.1**
T. 6 N., R. 1 E., northeast cor. of sec. 15; cen. of +roads.	39 37 35.0	84 44 27.5
T. 6 N., R. 1 E., northeast cor. of sec. 10; cen. of +roads.	39 38 29.1	84 44 27.5
T. 6 N., R. 1 E., northeast corner of sec. 3; crossroads....	39 39 21.3	84 44 27.0
T. 7 N., R. 1 E., southeast corner of sec. 34; crossroads...	39 39 21.3	84 44 26.8
T. 7 N., R. 1 E., northeast cor. of sec. 34; cen. of +roads.	39 40 13.8	84 44 26.4
T. 7 N., R. 1 E., near quar. cor. e. side of sec. 27; alum. tab. in n. e. corner of concrete bridge just s. of crossroads (elevation 1,093).....	39 40 39.6	84 44 26.6
T. 7 N., R. 1 E., northeast corner of sec. 27.....	39 41 06.5	84 44 27.1
T. 7 N., R. 1 E., n. e. corner of sec. 22; cen. of T road west	39 41 59.4	84 44 27.4
T. 7 N., R. 1 E., n. e. cor. of sec. 15; center of crossroads	39 42 52.2	84 44 26.9
T. 7 N., R. 1 E., n. e. cor. of sec. 10; center of crossroads.	39 43 45.0	81 44 27.0
Eaton, 6 mi. w. & 0.8 mi. s. of, 850 ft. n. of n. e. cor. of sec. 10; alum. tab. in s.w. cor. of found. of brdg. (elevation 1,119)	39 43 53.3	84 44 27.2
Eaton, 6 miles w. of, in s. e. corner of found. of concrete brdg.; alum. tab. stpd. **"Prim. Trav. Sta. No. 4. Ohio, 1908"**	**39 44 37.9**	**84 44 26.9**
T. 7 N., R. 1 E., n. e. cor. of sec. 3; center of crossroads.	39 44 37.9	84 44 27.4
Tps. 7 and 8 N., R. 1 E., s. e. cor. of sec. 35; T road north.	39 44 37.8	84 43 18.8

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Painesville (see Mentor) Quadrangle

Paulding Quadrangle

East along Cincinnati, Hamilton & Dayton Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Batson station	41 01 04.9	84 44 44.0
Road crossing, north-south	41 01 05.0	84 43 34.6
Road crossing, north-south	41 01 05.3	84 42 25.4
T. 1 N., Rs. 1 and 2 E., corner of secs. 19, 30, 24, and 25	41 01 07.9	84 41 15.6
Tipton, road crossing	41 01 05.8	84 40 08.1
Road crossing, north-south	41 01 06.1	84 38 57.8
Road crossing, north-south	41 01 06.3	84 37 48.9
Road crossing, north-south	41 01 06.6	84 36 40.1
Road crossing, north-south	41 01 06.7	84 36 05.4
Road crossing, north-south	41 01 06.8	84 35 30.6
Haviland, crossing of C. H. & D. Ry. and C. N. Ry	41 01 06.9	84 34 55.6
T. 1 N., Rs. 2 and 3 E., corner of secs. 19, 30, 24, and 25	41 01 09.1	84 34 21.2
Road crossing, north-south	41 01 07.3	84 33 11.6
Road crossing, north-south	41 01 07.5	84 32 02.5
Road crossing, north-south	41 01 07.8	84 30 53.0
On Cincinnati Northern R. R.		
Crossing of east-west road	41 00 10.4	84 34 55.0
Near north border of quadrangle west along highways		
Section line at north-south road crossing	41 14 25.9	84 30 55.1
T. 3 N., R. 3 E., corner of secs. 4, 5, 8, and 9; crossroads	41 14 16.5	84 32 02.9
T. 3 N., R. 3 E., corner of secs. 5, 6, 7, and 8; crossroads	41 14 15.6	84 33 11.8
Crossing of C. N. Ry., ¼ mi. e. of corner of secs. 1, 6, 7, and 12; T. 3 N., Rs. 2 and 3 E.	41 14 15.6	84 34 08.8
T road south	41 13 54.7	84 34 56.5
Cecil, crossroads 1 mile north of	41 13 47.0	84 36 06.3
T. 3 N., R. 2 E., center of sec. 2; T road west	41 14 41.4	84 36 05.1

South along west border of quadrangle (corrected mean of two lines)

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Crossroads at schoolhouse No. 2	41 12 29.6	84 44 54.2	.....
T. 3 N., R. 1 E., corner of secs. 15, 16, 21, and 22	41 12 29.6	84 44 47.0	550
Antwerp, Main St. crossing on Wabash R. R.	41 10 51.0	84 44 23.9	10,122
Antwerp, 0.9 mi. s. e. of; bridge over ditch	41 10 00.1	84 44 04.2	5,375

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T. 2 N., R. 1 E., cor. of secs. 2, 3, 10, & 11; +rds.	41 09 02.7	84 43 36.7	6,178
T. 2 N., R. 1 E., 30 ft. n. by 25 ft. e. of corner of secs. 10, 11, 13, and 14, about 3.5 mi. s. e. of Antwerp, in s. w. cor. of Pugh schoolhouse yd.; iron post stpd. **"Prim. Trav. Sta. No. 44. Ohio, 1910"**	**41 08 10.3**	**84 43 36.2**	**5,302**
T. 2 N., R. 1 E., cor. of secs. 10, 11, 14, and 15; crossroads at schoolhouse	41 08 09.9	84 43 36.4	.....
T. 2 N., R. 1 E., cor. of secs. 14, 15, 22, and 23; 10 ft. n. to center of crossroads	41 07 17.3	84 43 36.2	5,370
T. 2 N., R. 1 E., n. w. cor. of sec. 23, at +roads at bridge over ditch, in n. w. cor. of field owned by E. H. Amspough; iron post stamped **"Prim. Trav. Sta. No. 2, 1905"**	**41 07 16.9**	**84 43 35.8**	.....
T. 2 N., R. 1 E., cor. of secs. 22, 23, 26 & 27; +rds.	41 06 24.5	84 43 35.9	5,340
T. 2 N., R. 1 E., cor. of secs. 26, 27, 34 & 35; +rds.	41 05 31.8	84 43 35.4	5,330
Payne, Main St. +ing on N. Y. C. & St. L. Ry	41 04 50.7	84 43 35.0	4,170
Tps. 1 and 2 N., R. 1 E., cor. of secs. 2, 3, 34, & 35	41 04 39.2	84 43 35.0	1,160
T. 1 N., R. 1 E., corner of secs. 2, 3, 10, and 11	41 03 45.5	84 43 35.4	5,440
Crossroads at schoolhouse No. 2	41 03 39.7	84 44 45.0	.....
T. 1 N., R. 1 E., cor. of secs. 10, 11, 14, & 15; +rds.	41 02 52.9	84 43 35.2	5,320
T. 1 N., R. 1 E., cor. of secs. 9, 10, 15, & 16; +rds.	41 02 52.9	84 44 45 8	.....
T. 1 N., R. 1 E., cor. of secs. 14, 15, 22, & 23; +rds.	41 02 00.4	84 43 35.0	5,310
T. 1 N., R. 1 E., corner of secs. 15, 16, 21, and 22; crossroads at schoolhouse	41 02 00.3	84 44 44.3	.....
T. 1 N., R. 1 E., cor. of secs. 22, 23, 26, & 27; +rds.	41 01 07.7	84 43 34.6	5,330
Batson, s. w. cor. of G. H. Chapman's front yd., at +roads; iron post stpd. **"Prim. Trav. Sta. No. 3"**	**41 01 08.0**	**84 44 43.7**	.....
Batson, 1 mi. e. of, rd. +ing on C. H. & D. Ry.	41 01 05.0	84 43 34.6	274
Batson, 1 mi. s. and 1 mi. e. of, at s. e. cor. of +roads, 20 ft. n. and 20 ft. e. to cor. of secs. 26, 27, 34, and 35, T. 1 N., R. 1 E., near St. Paul's Church; iron post stamped **"Prim. Trav. Sta. No. 18. Ohio, 1909"**	**41 00 15.1**	**84 43 34.3**	.....
Near east border of quadrangle			
T. 2 N., R. 3 E., cor. of secs. 3, 4, 9, and 10; +rds.	41 09 01.3	84 30 54.5	.....
T. 2 N., R. 3 E., n. cor. of secs. 3 & 4; jog in rd.	41 09 54.7	84 30 54.8	.....
T. 3 N., R. 3 E., cor. of secs. 27, 28, 33, & 34; +rds.	41 10 47.3	84 30 52.3	.....
Through center of quadrangle east along highways			
T. 2 N., R. 1 E., cor. of secs. 11, 12, 13, & 14; +rds.	41 08 09.2	84 42 27.2	.....
T. 2 N., R. 1 E., e. cor. of secs. 12 and 13, 5 ft. n. of cen. of crossroads	41 08 08.8	84 41 16.8	5,390
Crossroads	41 08 08.7	84 41 16.8	.....
T. 2 N., R. 2 E., w. cor. of secs. 7 & 18, 15 ft. s. of cen. of crossroads	41 08 08.6	84 41 16.8	.....
T. 2 N., R. 2 E., cor. of secs. 7, 8, 17, 18; crossroads at schoolhouse	41 08 08.4	84 40 10.9	5,040

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T. 2 N., R. 2 E., cor. of secs. 8, 9, 16, 17; T rd. n.	41 08 07.9	84 39 01.4	5,310
T. 2 N., R. 2 E., cor. of secs. 9, 10, 15, 16; +roads	41 08 07.6	84 37 52.0	5,310
Paulding, 2 mi. w. of, at s. e. cor. of +rds., 20 ft. s. and 20 ft. e. of quar. cor.; iron post stamped **"Prim. Trav. Sta. No. 45. Ohio, 1910"**	**41 08 07.4**	**84 37 17.3**	**2,654**
T. 2 N., R. 2 E., cor. of secs. 10, 11, 14, and 15	41 08 07.2	84 36 43.0	2,630
T. 2 N., R. 2 E., cor. of secs. 11, 12, 13, 14; T rd. s.	41 08 07.1	84 35 33.2	5,340
Paulding; cross streets; s. e. cor. of public square	41 08 14.5	84 34 45.1	3,746
T. 2 N., R. 3 E., w. cor. of secs. 7 and 18; +roads	41 08 07.8	84 34 24.3	1,729
T. 2 N., R. 3 E., w. cor. of secs. 18 and 19; T rd. e.	41 07 15.4	84 34 24.0	5,310
T. 2 N., R. 2 E., east corner of secs. 13 and 24	41 07 15.7	84 34 24.0	.....
T. 2 N., R. 3 E., cor. of secs. 17, 18, 19, and 20; crossroads at schoolhouse	41 07 15.8	84 33 13.8	5,370
T. 2 N., R. 3 E., cor. of secs. 16, 17, 20, & 21; +rds.	41 07 16.2	84 32 03.7	5,360
T. 2 N., R. 3 E., cor. of secs. 15, 16, 21, and 22; crossroads at schoolhouse	41 07 16.2	84 30 53.6	5,370

Peebles Quadrangle

Near north border of quadrangle west along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Adams-Scioto county line monument, at Mustard farm	38 58 00.7	83 16 10.2
Adams-Scioto county line monument	38 58 10.8	83 16 10.3
Sycamore tree in triangle at forks	38 59 30.7	83 18 49.6
Old frame schoolhouse, center of crossroads at	38 59 12.2	83 19 49.2
Locust Grove, 1.5 miles east of; center of T road north	38 59 06.9	83 21 01.0
Locust Grove, in north part of town, s. e. cor. of Bratton's blacksmith shop, n. w. cor. of T rd. w.; iron post stamped **"Prim. Trav. Sta. No. 81. Ohio, 1909"**	**38 59 30.6**	**83 22 39.2**
Near southeast corner of quadrangle along highways		
M. M. Corrill's res., on top of hill n. w. of, forks of road; 10 ft. north to charred stump	38 45 28.9	83 17 14.8
Pink, at postoffice, in s. e. cor. of garden, on n. side of road at W. B. Evan's store; iron post stamped **"Prim. Trav. Sta. No. 10. Ohio, 1910"**	**38 45 21.4**	**83 16 11.6**
Scioto-Adams county line monument	38 45 21.1	83 16 06.0
Perry Chapel grounds, front gate	38 46 07.1	83 15 42.6
Forks, 0.2 mi. n. of store, 15 ft. west to Kenton Lawton's mail box	38 47 36.3	83 15 23.1
Point near Scioto-Adams county line to point near Unity east along highways		
Scioto-Adams Co. line, 0.2 mi. e. of, s. side of Otway-Wamsley pike, just e. of road s., opposite W. H. Jones's residence; iron post stpd. **"Prim. Trav. Sta. No. 11. Ohio, 1910"**	**38 50 28.7**	**83 15 48.9**
W. H. Jones's residence, on Otway-Wamsley pike, at road s. 20 ft. w. to center of bridge	38 50 28.5	83 15 49.6

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Scioto-Adams Co. line. at cen. of Otway-Wamsley pike...	38 50 21.2	83 16 06.9
Wamsley, 0.5 mi. n. e. of; center of forks of pike.....	38 50 19.0	83 16 53.1
Old store building, forks of pike, s. point of grass triangle	38 51 41.8	83 19 28.9
Mineral Springs, center of forks of pike.....	38 53 12.3	83 19 46.5
Mineral Springs, 0.8 mi. n. w. of, at forks at old store building; s. point of triangle.....	38 53 53.0	83 20 42.5
Mineral Springs, 2 mi. n. w. of, on ridge, on land of James Miller, n. w. of his house; underground sta. mark a pottery pyramid (Peach Mount △ sta., C. & G. S.), surface mark a sec. of 6 in. draintile pipe filled with concrete..	38 53 43.52	83 21 43.44
Atkins's store, just outside of Christ Church grounds, 10 ft. n. w. to cor. of church yard, 30 ft. w. and 5 ft. n. to cen. of pike at road n. e.; iron post stamped **"Prim. Trav. Sta. No. 12. Ohio, 1910"**.....	**38 53 15.8**	**83 22 31.9**
Old steam furnace, center of T pike e., 20 ft. n. and 5 ft. w. to J. R. Shoemaker's mail box.....	88 54 21.5	83 24 29.8
Old steam furnace, 0.8 mi. n. w. of; cen. of T road n., 35 ft. n. to small sycamore tree.....	38 54 39.0	83 25 16.8
Jacksonville, cen. of T pike s. e. at W. H. Foster's gen. store	38 54 28.9	83 26 25.7
Jacksonville, 1 mi. s. w. of; cen. of forks of pike.....	38 53 59.7	83 27 04.2
Brush Creek, cen. of T pike e. of w. end of bridge.....	38 52 06.7	83 27 36.4
Dunkinsville, cen. of T pike w. at M. E. Church.....	38 51 20.2	83 28 16.7
Dunkinsville, 1 mi. n. w. of; stone monument on pike at rd. n.	38 52 07.4	83 28 34.6
Unity, 2 mi. s. e. of; cen. of T rd. s. at T. Sevearingin's farm	38 52 41.9	83 29 20.1
Dunkinsville, 0.8 mi. s. w. of; cen. of covered bridge over Brush Creek.....	38 51 02.4	83 28 57.8
Southeast of West Union east via Lynx and Blue Creek along highways		
Andy Groom's residence, cen. of e.-w. rd. at private rd. s.	38 45 52.2	83 29 46.1
Harmony Church, cen. of T road n., near.....	38 45 59.7	83 29 14.4
W. C. Satterfield's mail box, cen. of crossroads at; 0.2 mi. e. to covered bridge over Brush Creek.....	38 46 49.8	83 27 18.0
Lynx, cen. of pike at T road s.....	38 46 19.7	83 25 14.3
Lynx, 1 mile e. of, on s. side of pike at T road n., 15 ft. w. to cen. of small bridge; iron post stamped **"Prim. Trav. Sta. No. 15. Ohio, 1910"**.....	**38 46 34.8**	**83 23 46.6**
Copas Hotel, just w. of; cen. of pike at T road s.....	38 46 19.0	83 22 02.0
Copas Hotel, 1 mi. e. of; cen. of pike at T road n.....	38 46 26.4	83 20 49.0
Blue Creek postoffice, forks of pike at Coleman's store, 20 ft. n. by 12 ft. w. to s. w. cor. of office building	38 46 40.8	83 19 50.5
Covered bridge, cen. of forks at s. end of.....	38 46 16.3	83 19 54.5

Perry Quadrangle

Near southeast corner of quadrangle

Station	Latitude	Longitude
	° ′ ″	° ′ ″
Residence of J. H. and L. D. Fowler, four corners at	41 45 32.2	81 00 10.2

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Perrysville Quadrangle

Near south border of quadrangle east along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
T road northwest, (on Gambier quad)	40 29 19.5	82 21 15.9	.....
Northeast-southwest road at road south	40 30 17.4	82 20 03.2	8,114
Schoolhouse, center of crossroads	40 30 07.4	82 18 22.6	7,837
Danville, 3.5 mi. n. by 1.5 mi. w. of, at n. e. cor. of crossroads, 40 ft. w. by 15 ft. n. to cen. of crossroads; iron post stamped "**Prim. Trav. Sta. No. 65. Ohio, 1910**"	**40 30 06.1**	**82 17 11.9**	**5,462**
Forks of road (on Gambier quad.)	40 29 20.1	82 16 59.0	4,754

Through center of quadrangle west along highways

Prim. Trav. Sta. No. 20. Ohio, 1907 (on Loudonville quad.)	**40 38 06.4**	**82 13 59.2**	
Loudonville, 1 mi. w. of, cen. of T rd. south	40 38 07.2	82 15 33.3	7,250
Near quarter cor. between secs., cen. of T rd. s.	40 38 01.4	82 16 42.1	5,327
Loudonville, 3.25 mi. w. of, cen. of T rd. e. at Mt. Falls Church, 20 ft. w. to guidepost	40 37 58.3	82 17 52.3	5,421
Loudonville, 4.5 mi. w. and 1 mi. n. of, 10 ft. s. and 5 ft. e. to triangle; forks of road	40 38 57.7	82 19 18.6	8,954
Tps. 20 and 22 N., Rs. 16 and 17 W., quar. corner between secs. 31 and 36, at T road n.; Ashland-Richland county line	40 38 45.7	82 20 19.7	4,852
T. 22 N., R. 17 W., s. corner of secs. 35 and 36	40 38 19.3	82 21 28.1	5,908
Clear Fork, center of covered bridge over	40 38 18.6	82 22 03.6	2,725
Newville, 0.8 mi. n. e. of, on w. side of T rd. e., 12 ft. e. and 5 ft. n. to cen. of T rd.; iron post stpd. "**Prim. Trav. Sta. No. 66. Ohio, 1910**"	**40 38 18.8**	**82 22 49.4**	**3,522**
Newville, center of crossroads at schoolhouse	40 37 42.8	82 23 12.8	4,070
Newville, 1.7 mi. w. & 0.25 mi. s. of; cen. of T rd. s.	40 37 33.0	82 24 54.0	7,854
T. 21 N., R. 17 W., stone at cor. of secs. 4, 5, 8, & 9	40 37 24.8	82 24 54.0	830
Slaters Run, 0.25 mi. north of schoolhouse, small mound in triangle at forks of rd. just s. of brdg. over run	40 37 37.7	82 25 42.3	3,934
T. 19 N., R. 18 W., e. cor. of secs. 1 and 12, 20 ft. south to road north	40 37 24.6	82 27 11.3	6,990
T. 21 N., R. 17 W., w. cor. between secs. 6 and 7	40 37 23.9	82 27 11.3	70
T. 19 N., R. 18 W., stone at cor. of secs. 1, 2, 11, & 12	40 37 27.4	82 28 18.0	5,144
Belleville, 1 mi. n. e. of, forks of rd., 15 feet e. to south end of culvert	40 37 29.3	82 29 41.8	6,455

Near east border of quadrangle north along highways

	° ′ ″	° ′ ″
Wesley Chapel, 200 ft. n. e. of; cen. of triangle at 4 cors.	40 30 11.5	82 15 33.7

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	° ′ ″	° ′ ″
Wesley Chapel Cem., at s. e. cor. of, w. of Danville-Loudonville rd., 3.6 mi. n. e. to Greer, 4 mi. s. to Danville; iron post stamped **"Prim. Trav. Sta. No. 18. Ohio, 1907"**	**40 30 10.0**	**82 15 34.3**
Wesley Chapel, 1 mi. n. of; T rd. w., 5 feet w. to center of triangle, 15 feet southeast to maple tree	40 31 03.9	82 15 48.9
Wesley Chapel, 2 mi. n. of; +rds., 40 ft. s. w. to 3 mail boxes	40 32 00.7	82 15 31.2
Knox-Ashland Co. line, 1 mi. s. of; +rds., 15 ft. n. to cherry tree, 35 ft. w. to cen. of triangle, 40 ft. e. to 2 mail boxes in triangle	40 33 02.0	82 15 34.5
Center of road at Knox-Ashland county line	40 33 48.9	82 15 40.0
Junc. of Danville-Loudonville & State rds., cen. of triangle, 30 ft. s. w. to guidepost "Loudonville 5 mi., Danville 9 mi., Mt. Vernon 17 mi.," 30 ft. n. to telephone pole	40 34 15.9	82 15 47.3
T rd. e., 25 ft. n. to telegraph pole 328, 45 feet s. to peach tree on bank	40 34 49.3	82 15 47.7
Loudonville, 3 mi. s. and 1.5 miles w. of; cen. of triangle at rd. forks, 180 ft. s. w. to brdg. over Pine Run, 35 ft. s. w. to guidepost "Mt. Vernon 19 mi., Loudonville 3 mi.," 25 ft. north to telegraph pole	40 35 42.8	82 16 00.1
Loudonville 2 mi. s. and 1 mi. w. of; +roads, 60 ft. n. to s. end of covered bridge over Clear Fork.....	40 36 23.3	82 15 36.4
Loudonville, 1.5 mi. s. w. of; T rd. w., 40 ft. s. w. of tel. pole 3163, 35 ft. n. w. to cor. of picket fence	40 37 07.6	82 15 04.3
T. 21 N., R. 16 W., line bet. secs. 26 and 27, second-class rd. s. at bend of rd. to n., 12 ft. e. to tel. pole painted "1242".	40 44 59.1	82 15 35.8
Hayesville, 1.25 miles s. of; four cors., 25 ft. s. e. to board painted "1, 2, 3, 4, 8" (on Ashland quad)	40 45 17.2	82 15 35.7
Hayesville, **"Prim. Trav. Sta. tablet stamped "1244 elev."** (on Ashland quad.)	**40 46 21.8**	**82 15 43.3**
Hayesville, cen. of fountain at intersec. of Main, S. Locust and N. Mechanic Sts (on Ashland quad.).....	40 46 22.2	82 15 43.7

Philo Quadrangle

Zanesville to Norwich via Baltimore & Ohio R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Zanesville, 2 mi. n. of, Zanesville-Gilbert rd. just w. of, bet. B. & O. and C. & M. V. Rys., in s. e. cor. of field of Mrs. Margaret Clark, in stone post 10 by 12 by 33 in.; alum. tab. stamped **"Prim. Trav. Sta. No. 62, 1905"**.....	**39 58 42.2**	**81 58 55.0**
Block station, just west of; overhead crossing	39 58 40.7	81 56 31.0
Milepost 65, center of track opposite.....	39 58 35.6	81 55 06.4
Sonora sta., just n. e. of, just inside of railroad right of way, n. w. cor. of J. A. Rush's res. bears S. 40° 45′ E., dist. 25.5 ft.; n. e. cor. of sta. bears 39° W., dist. 87.8 ft.; iron post stamped **"Prim. Trav. Sta. No. 61, 1905"**.. ...	**39 59 02.3**	**81 54 12.4**
Milepost 67, road crossing.....	39 59 25.7	81 53 27.4
Milepost 69, 0.75 mi. w. of, at rd. +ing; warning post on n. side of track.....	39 58 51.3	81 52 17.2
Bridgeville, sta. 1 mi. s. w. of; rd +ing under culvert....	39 58 34.1	81 51 07.2

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Bridgeville sta., cen. of track opposite	39 58 54.4	81 50 05.6
Norwich sta., 1.25 mi. w. of, national rd. +ing	39 58 39.5	81 48 48.3
Sundale sta., cen. of track opposite	39 58 35.3	81 47 36.9
Sundale sta., 0.75 mi. e. of, on n. side of B. & O. Ry., at n.-s. rd. +ing, in s. w. cor. of field owned by W. E. Dingley, cen. of railroad at rd. +ing bears S. 12° 30′ W., dist. 48 ft.; iron post stamped **"Prim. Trav. Sta. No. 60, 1905"**	**39 58 54.0**	**81 46 47.1**
Norwich, 0.5 mi. e. of; +ing of national rd. and n.-s. rd., 33 ft. n. w. to + on tel. pole, 54 ft. s. to cor. yd. fence	39 59 14.9	81 46 54.4
Near northwest corner of quadrangle		
W. & L. E. Ry., 400 ft. s. of milepost 4; private rd. +ing.	39 59 35.3	81 58 52.1
Near east border of quadrangle north along highways		
	° ′ ″	° ′ ″
Sleepy Hollow schoolhouse, 0.75 mi. s. of; T rd. n., 6 ft. s. to s. end of culvert, 39 ft. n. w. to mail box on fence	39 47 35.5	81 45 29.2
Sleepy Hollow, 0.5 mi. n. of; T rd. e., 13 ft. n. e. to elm snag, 27 ft. w. to cross on fence post	39 48 53.8	81 45 13.6
Snowball schoolhouse, 0.33 mi. s. e. of; T rd. s. w., 15 ft. n. to cross on large cor. fence post, 28 ft. s. e. to w. end of box culvert	39 49 32.6	81 45 14.2
Highhill postoffice, just n. of; T rd. e., 16 ft. s. w. to cross on cor. of stable, 33 ft. n. e. to "MF" cut on stone wall	39 50 00.8	81 46 04.4
Freeland, 1.5 mi. s. of, opposite Lee Warner's mail box; arrow painted on rail fence	39 51 33.4	81 46 16.2
Freeland, in w. cor. of George Thorla's field, s. rail of narrow-gage railroad bears N. 31° 45′ W., dist. 38 ft.; s. cor. of sta. bears N. 57° E., dist. 152.3 ft.; in stone post 12 by 12 by 36 inches, marked "U. S. G. S.," tab. stmpd. **"Prim. Trav. Sta. No. 69"**	**39 52 51.2**	**81 46 31.7**
Bridge, center of	39 53 43.9	81 45 34.0
Rich Hill, Methodist Church, T rd. s. e., 10 ft. n. w. to + on tel. pole, 28 ft. s. e. to guidepost "Rix Mills 1.5 mi."	39 54 33.9	81 45 12.1
Rix Mills, 0.25 mi. s. e. of; T rd. w., 32 ft. w. to cross on fence post, 27 ft. s. w. to cross on gatepost (on Cumberland quad.)	39 55 19.0	81 44 29.5
Rix Mills, 1 mi. n. w. of; +rds., 21 ft. n. w. to Lee Davis's mail box, 22 ft. n. e. to cross on teleg. pole	39 56 14.0	81 45 14.0
Sundale, 1.25 mi. e. by 0.25 mi. s. of; T rd. s., 22 ft. s. e. to + on cor. fence post, 45 ft. n. to cross on board fence	39 58 11.0	81 45 57.3
Between Brush Creek and Dillon via Zanesville & Western Ry.		
Buckeye, about 1 mi. n. w. of; Brush Creek bridge, 0.25 mi. s. e. of coal mine shaft; road crossing	39 53 22.1	81 59 42.6
Frazier sta., in n. e. cor. of A. M. Shylock's field, 24 ft. n. to s. rail of O. & L. K. Ry., 31 ft. e. to cen. of n.-s. rd.; iron post stamped **"Prim. Trav. Sta. No. 63, 1905"**	**39 52 41.4**	**81 58 50.9**
Brush Creek bridge, 0.75 mi. s. of; overhead rd. +ing	39 52 02.8	81 59 00.9
Z. & W. Ry., 0.33 mi. n. of milepost 3; n.-s. rd. +ing	39 51 15.2	81 59 07.3

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Stoverton, rd. +ing at sta	39 50 19.6	81 59 12.0
Milepost 1, rd. +ing	39 49 28.6	81 59 06.8
Cannelville sta., Dillon postoffice, just e. of; st. +ing on Ry.	39 48 48.9	81 59 46.0

Dillon postoffice to a point 1.75 miles north of Rowland postoffice along highways

Dillon postoffice, 1 mi. s. e. of; T rd. w. at large elm tree, 15 ft. s. w. to elm tree, 29 ft. n. e. to cor. fence post	39 48 16.4	81 59 15.9
Forks of rd., 17 ft. n. to + on tel. pole, 22 ft. e. to mail box No. 46	39 47 25.2	81 58 57.9
Bailey Church and schoolhouse, 0.25 mi. n. of; T rd. s., 24 ft. e. to walnut tree, 35 ft. s. w. to + on fence post	39 45 21.5	81 59 13.8
Sharp Hill schoolhouse, 0.25 mi. e. of; T rd. s., 35 ft. s. w. to + on cor. fence post, 21 ft. n. e. to wild cherry tree.	39 45 39.4	81 56 46.3
Durant, 0.75 mi. w. of; T rd. n., arrow painted on Lewis Fouta's yard fence	39 44 57.2	81 55 37.4
Durant, W. H. Stokes's front yard, s. cor. of fence bears N. 10° 45′ W., dist. 29.7 ft.; iron post stamped "**Prim.Trav. Sta. No. 67, 1905**"	**39 45 02.9**	**81 54 48.5**
At cor. of apple orchard; T rd. n., 30 ft. to cross on board fence, 28 ft. e. to cross on fence post	39 45 03.2	81 53 33.4
Durant, 2 mi. e. of; T. 11 S., R. 12 W., at cor. of secs. 3, 4, 9, and 10, stone (on McConnellsville quad.)	39 44 53.7	81 52 19.3
Brick house; T road west, cross on corner fence post	39 45 10.7	81 50 40.2
John Sewall's res.; T rd. e., 24 ft. n. to cross on fence post 45 ft. w. to cross on cor. of outbuilding	39 45 30.3	81 49 29.2
John Sewall's res., 1 mi. e. of; T rd. s. w., 28 ft. s. to cross on gatepost, 36 ft. w. to cor. of hedge fence	39 45 12.0	81 48 31.8
Rowland postoffice, 0.5 mi. n. of, at T rd. w., in n. e. cor. of Walton Blackledge's field; iron post stamped "**Prim. Trav. Sta. No. 68, 1905**"	**39 45 04.2**	**81 46 21.5**
Rowland, 1.75 mi. n. of; T road s. e., 19 ft. s. to mail box, 24 feet northeast to large dead tree	39 45 59.2	81 45 55.2

Piketon Quadrangle

Piketon to Sargents via Norfolk & Western Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Piketon station, road crossing 165 feet north of	39 03 51.0	83 00 50.3
Piketon, crossing of Chillicothe-Portsmouth pike 1 mi. s. of	39 03 14.6	83 01 09.9
Switch block to spur	39 02 34.9	83 01 35.3
Sargents, crossing of east-west road 1 mile north of	39 01 20.9	83 01 32.7
Sargents station, 1,200 ft. n. of, in s. w. cor. of Mrs. Carrie Sargent's farm, on e. side of Chillicothe-Portsmouth pike, wire nail in cross cut in w. face of sugar maple tree bears S. 88° 05′ E., 9 ft. s. w. to cor. post at s. w. cor. of Mrs. Sargent's farm; iron bench-mark post stamped "**Prim. Trav. Sta. No. 17**"	**39 00 39.1**	**83 01 24.8**

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Near north border of quadrangle east along highways

Bainbridge, 1.5 miles east of road crossing on D. T. & I Ry.	39 14 05.6	83 14 41.6
Dill +ing of Chillicothe pike and D. T. & I. Ry. at station	39 14 42.8	83 12 44.4
Yankeetown, intersec. of pike and rd. just s. w. of town hall	39 14 26.9	83 03 34.1
Yankeetown, 0.7 mi. s. e. of cemetery; cen. of crossroads southeast of Dawson's mail box	39 14 35.7	83 02 23.3
Waller, about 3 miles southwest of; T road south	39 14 39.6	83 01 04.7

Through center of quadrangle west along highways

Waverly, 1.2 mi. west of; cen. of T road north	39 07 44.9	83 00 16.5
Red Bridge schoolhouse, n. of, at George Cooke's mail box; center of T road w.	39 07 18.6	83 01 42.5
Daleyville, forks of pike at old store, 15 feet east to locust tree in front of store	39 06 25.7	83 03 39.4
Peeper Church, 300 feet n. w. of; fork in road	39 07 16.2	83 04 31.3
Peeper Church, 0.5 mile n. of, at frame schoolhouse; fork in road, 20 feet due south to small bridge	39 07 36.1	83 04 48.5
T road northeast, at foot of long hill	39 08 32.9	83 05 35.0
Buchanan, 15 ft. n. and 25 ft. w. to cen. of crossroads; iron post stamped "**Prim. Trav. Sta. No. 77. Ohio, 1909**"	**39 08 59.3**	**83 07 25.5**
Buchanan, 1 mi. w. of; T rd. n. e., 10 ′ n. w. to guide board on tree marked "Bainbridge 12 mi., No Name brdg. 4 mi."	39 08 33.1	83 08 39.5
Buchanan, near cen. of T rd. n. at George Key's mail box	39 08 10.6	83 10 00.5
Mt. Holiness Church, 20 ft. s. to cen. of triangle in fks. of rd.	39 07 30.9	83 10 22.6
Steel bridge, forks of road e. of, 30 ft. n. to end of board of guard fence	39 07 04.5	83 11 23.2
Morgantown, T road west	39 07 45.5	83 11 53.6
Morgantown, 2.2 mi. n. w. of, at Isaac Wall's farm, on n. side of T road s. w.; iron post stamped "**Prim. Trav. Sta. No. 78. Ohio, 1909**"	**39 08 25.9**	**83 14 20.7**
Benner schoolhouse, 0.2 mi. s. of; center of T road west (on Bainbridge quad.)	39 07 44.3	83 15 04.3
Latham, 1 mi. n. e. of; intersection of old State road and road n. w. to Bainbridge	39 06 51.9	83 14 16.3
Latham, at I. O. O. F. building; center of crossroads	39 05 58.6	83 14 46.7
Sunfish Creek, 520 ft n. e. of bridge	39 05 44.77	83 14 50.13

Near south border of quadrangle along highways

Scioto-Pike Co. line mon., in cen. of rd. opposite white oak tree	39 00 36.5	83 14 57.0
Scioto-Pike Co. line mon., 20 ft. s. and 30 ft. e. to T road w.	39 00 35.3	83 14 19.5
Scioto-Pike Co. line mon., on bank, on north side of road.	39 00 15.2	83 14 09.0
Scioto-Pike Co. line monument, in J. W. Campbell's orchard, just north of Harmon	39 00 07.5	83 13 58.5
Sargents station, iron post No. 17	39 00 39.10	83 01 24.80

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Pioneer (Montpelier) Quadrangle

Near Ohio-Michigan State line west along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 9 S., R. 2 W., cor. of secs. 10, 11, 14, and 15; T road n.	41 41 41.3	84 30 51.8
T. 9 S., R. 2 W., cor. of secs. 9, 10, 15, and 16; T road east	41 41 41.0	84 32 01.1
Ohio-Michigan State line, center of north-south road.....	41 42 09.7	84 32 01.4
Pioneer, T road w., 1 mi. e. of, 30 ft. n. w. to cross cut on cor. fence post, 42 ft. s. w. to cross cut on tel. pole.....	41 40 48.4	84 32 08.5
Pioneer, north e. corner of bridge at crossing of main sts.	41 40 47.9	84 33 11.5
T. 9 S., R. 2 W., cor. of secs. 17, 18, 19, and 20; crossroads.	41 40 48.3	84 34 20.9
T. 9 S., R. 2 W., w. corner of secs. 18 and 19; crossroads.	41 40 48.0	84 35 31.6
T. 9 S., R. 3 W., cor. of secs. 13, 14, 23, and 24; crossroads	41 40 47.6	84 36 41.6
T. 9 S., R. 3 W., n. e. cor. of sec. 22, at Bethel Church; +rds.	41 40 47.2	84 37 50.9
T. 9 S., R. 3 W., s. e. cor. of sec. 10; 4 mi. w. and 1 mile n. of Pioneer, in southeast corner of Osborne's farm; iron post stamped **"Prim. Trav. Sta. No. 18, 1905"**	**41 41 39.7**	**84 37 51.3**
Ohio-Michigan State line T. 9 S., R. 3 W., 349 feet south of quarter corner between secs. 10 and 11.....	41 42 02.2	84 37 51.2
T. 9 S., R. 3 W., cor. of secs. 9, 10, 15, and 16; T road n...	41 41 39.2	84 39 01.3
T. 9 S., R. 3 W., cor. of secs. 8, 9, 16, and 17; crossroads.	41 41 38.8	84 40 11.4
T. 9 S., R. 3 W., n. cor. of secs. 17 and 18; T road south..	41 41 38.4	84 41 21.4
Northwest Church, T road north.....	41 41 37.0	84 43 05.6
Field owned by F. M. Husghy, in southeast cor. of; iron post stamped **"Prim. Trav. Sta. No. 19, 1905"**.....	**41 41 37.1**	**84 44 50.8**
Ohio-Michigan State line, center of north-south road, 3 ft. south of southwest gatepost.....	41 41 51.3	84 44 50.6
Near west border of quadrangle south along highways		
T. 9 S., R. 4 W., cor. of secs. 14, 15, 22, and 23; crossroads	41 40 44.3	84 44 50.6
T. 9 S., R. 4 W., cor. of secs. 22, 23, 26, and 27; T road w..	41 39 51.9	84 44 50.6
T. 9 S., R. 4 W., cor. of secs. 26, 27, 34, and 35; T road w.	41 38 59.5	84 44 49.7
Tps. 9 and 10 S., R. 4 W., cor. of secs. 2, 3, 34, and 35; cen. of north-south road crossing at corner	41 38 07.1	84 44 48.5
T. 10 S., R. 4 W., s. corner of secs. 2 and 3; T road north.	41 37 15.1	84 44 47.6
T. 8 N., R. 1 E., s. cor. of sec. 33 and 34; crossroads	41 36 07.5	84 44 58.8
T. 7 N., R. 1 E., s. w. cor. of sec. 3, in s. w. cor. of John Fox's garden, s. w. cor. of schoolhse. bears N. 79° 40′ W., dist. 190.7 ft.; s. w. corner of sec. 3 bears S. 48° W., dist. 30.7 ft.; iron post stamped **"Prim. Trav. Sta. No. 20, 1905"**	**41 35 07.5**	**84 44 58.1**
T. 7 N., R. 1 E., cor. of secs. 9, 10, 15, and 16; crossroads..	41 34 15.0	84 44 58.3
T. 7 N., R. 1 E., cor. of secs. 15, 16, 21, and 22; crossroads	41 33 23.0	84 44 58.3
T. 7 N., R. 1 E., cor. of secs. 21, 22, 27, and 28; crossroads	41 32 31.0	84 44 58.0
T. 7 N., R. 1 E., cor. of secs. 27, 28, 33, and 34; crossroads	41 31 39.0	84 44 57.7
Tps. 6 and 7 N., R. 1 E., cor. of secs. 3, 4, 33, and 34; stone	41 30 47.0	84 44 57.3

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Portland (Fort Recovery) **Quadrangle (Ohio-Ind.)**

North along Ohio-Indiana State line

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Blacksmith shop, T road east	40 14 45.9	84 48 16.2	.....
T. 18 N., R. 1 W., east cor. of frac. secs. 1 and 12, lane w.; State line	40 15 11.8	84 48 15.8	2,620
T. 13 N., R. 1 E,, w. cor. of sec. 5 and 8, cen. of T rd. e.; State line	40 15 12.4	84 48 15.7	70
Tps. 13 and 14 N., R. 1 E., w. cor. of secs. 5 and 31, cen. of crossroads; State line	40 16 04.0	84 48 14.7	5,220
T. 14 N., R. 1 E., n. w. cor. 31, T rd. e; State line	40 16 56.4	84 48 13.5	5,311
T. 19 N., R. 1. W., east corner of secs. 24 and 25; State line	40 17 48.9	84 48 12.8	5,310
T. 14 N., R. 1. E., State line	40 17 49.6	84 48 12.8	70
T. 19 N., R. 1 W., State line	40 18 41.6	84 48 12.4	5,270
T. 14 N., R. 1 E., west corner of secs. 7 and 18	40 19 26 6	84 48 12.0	4,550
T road west, center of	40 19 27.2	84 48 12.0	60
T. 14 N., R. 1 E., w. cor. of secs. 6 and 7, cen. of T rd. e.; State line	40 20 18.5	84 48 12.5	5,200
T road west, center of; State line	40 20 19.8	84 48 12.5	130
T 14. N., R. 1 E., n. w. cor. of sec. 6, Darke-Mercer county line, T rd. e.; State line	40 21 11.2	84 48 13.1	5,200
T road west, center of; State line	40 21 12.3	84 48 13.1	110
T. 15 N., R. 1 E., 25 ft. n. and 20 ft. e. of stone at w. cor. of secs. 29 and 32, cen. of T rd. e., 3.5 mi. s. and 1.2 mi. w. of Fort Recovery; iron post stpd. **"Prim. Trav. Sta. No. 43. Ohio, 1910"**	**40 22 03.9**	**84 48 13.4**	**5,229**
T. 15 N., R. 1 E., w. cor. of secs. 20 and 29, T rd. e.; State line	40 22 54.3	84 48 13.8	5,100
T. 15 N., R. 1 E., stone at w. cor. of secs. 17 and 20, T rd. e.; State line	40 23 46.8	84 48 14.3	5,320
T. 15 N., R. 1 E.; State line	40 24 39.1	84 48 14.0	5,290
T road west, center of; State line	40 24 42 2	84 48 14.0	320
Fort Recovery, 1.2 mi. n. and 1.2 mi. w. of; cen. of T rd. e.	40 25 58.1	84 48 13.5	7,677
Fort Recovery, 2 mi. n. and 1.2 mi. w. of; stone at T rd. e.	40 26 50.9	84 48 12.7	5,350
T. 6 and 7 S., R. 1 E., w. cor. of secs. 6 and 31, stone at T rd. e.; State line	40 27 56.5	84 48 11.6	6,641
Bridge, ditch west	40 28 44.0	84 48 10.7	4.811
"Prim. Trav. Sta. No. 24. Ohio, 1909"	**40.29 41.3**	**84 48 09.6**	**5,801**

Near north border of quadrangle along highways

Stations	Latitude	Longitude
T. 6 S., R. 1 E., cor. of secs. 28, 29, 32, and 33; crossroads	40 28 48.0	84 45 54.1

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T. 6 S., R. 1 E., cor. of secs. 29, 30, 31, and 32; crossroads	40 28 48.4	84 47 02.8
T. 6 S., R. 1 E., 20 ft. e. and 25 ft. s. of, w. cor. of secs. 19 and 30, Indiana-Ohio State line; iron post stamped "**Prim. Trav. Sta. No. 24. Ohio, 1909**".	**40 29 41.2**	**84 48 09.5**
T. 27 N., R. 15 E., e. cor. of secs. 27 and 34, T rd. w.; Ohio-Indiana State line	40 29 57.8	84 48 09.5
Ohio-Indiana State line, near quar. cor. between secs. 25 and 30, T. 6 S., Rs. 1 E. and 1 W., T rd. west.	40 29 06.1	84 48 10.3

Put-In-Bay Quadrangle

Near Lacarne on Lake Shore & Michigan Southern Ry

Station	Latitude	Longitude
	° ′ ″	° ′ ″
Lacarne crossing, 2¼ miles east of	41 31 09.0	82 59 35.4

Ravenna Quadrangle

Ravenna to Atwater via Pennsylvania Ry.

Stations	Latitude	Longitude
Ravenna, Main Street crossing	41 09 28.0	81 14 51.5
Ravenna, crossing on Baltimore & Ohio Ry	41 08 56.4	81 14 43.6
Rootstown station, road crossing 150 feet north of	41 06 18.4	81 12 51 7
Road crossing 15 feet south of milepost 45 near Industry	41 04 38.2	81 11 39.5
Road crossing 655 feet north of milepost 48	41 02 21.2	81 10 19.6
Atwater station, road crossing 295 feet south of	41 01 25.4	81 09 49.8
Near Shalersville		
Shalersville, 2½ miles south of, four corners	41 12 07.4	81 14 46.1
Shalersvile, intersection of roads at	41 14 19.8	81 13 52.6
Near south border of quadrangle west along highways		
T road south at stone culvert	41 01 28.8	81 00 08.2
Deerfield sta., in s. e. cor. of Hubbards orchard on n. side of e.-w. rd., 418 ft. e. of rd. crossing, n. e. cor. of house owned by Mullen Coal Co. bears S. 51° 15′ E., dist. 160.1 ft.; nail in root of black oak tree on s. side of rd. bears S. 42° 15′ W., dist. 72 ft.; iron post stamped "**Prim. Trav. Sta. No. 38**"	**41 01 29.3**	**81 01 11 8**
T road south, 27 feet southeast to telephone pole	41 01 28.8	81 02 34.7
Deerfield, T. 1 N., R. 6 W., crossroads	41 01 28.5	81 03 02.1
T road south, 36 feet southeast to cross on corner fence post, 13 feet north to A. H. Legaller's mail box	41 01 28.9	81 03 54.4
Deerfield, 1.5 miles west of, T. 1 N., R. 6 W., crossroads.	41 01 29.0	81 04 46.1

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T. 1 N., R. 6 W., +roads, 36 feet southwest to guidepost, 40 feet southeast to large fence post	41 01 29.0	81 05 55.6
Crossroads, 40 feet northeast to cross on corner yard fence, 40 feet southeast to cross on corner board fence	41 01 24.6	81 07 25.0
Atwater Center, crossroads	41 01 25.2	81 08 53.3
Atwater Center, in northeast cor. of George Heiser's front lawn; iron post stamped "**Prim. Trav. Sta. No. 37**"	**41 01 25.1**	**81 09 41.5**
Atwater, Pennsylvania Ry., crossing of east-west road	41 01 25.4	81 09 49.4

Newton Falls to Deerfield via Lake Erie, Alliance & Wheeling Ry.

Newton Falls, 2.66 mi. s. of, in s. w. corner of D. T. Hott's farm, at e.-w. rd. +ing, nail in root of gum tree bears N. 53° 40′ E., dist. 72.4 ft.; nail in root of black oak tree bears S. 79° 55′ E., distant 39.8 feet, in sandstone post; aluminum tablet stamped "**Prim. Trav. Sta. No. 36**"	**41 09 10.8**	**81 00 05.3**
Pritchard, road crossing	41 08 03.1	81 00 29.2
Road crossing	41 06 48.2	81 00 51.6
Diamond postoffice, road crossing at station	41 05 55.5	81 01 21.3
Diamond postoffice, road crossing 1 mile south	41 05 14.0	81 01 21.3
Davis, road crossing at station	41 04 22.3	81 01 20.7
Davis, road crossing east-west 0.75 mile south of station	41 03 43.8	81 01 16.9
Schoolhouse, road crossing	41 02 47.6	81 01 16.7
Deerfield station, road crossing east-west 70 feet north w.	41 01 29.0	81 01 17.2

Rectorville (Springdale) **Quadrangle**

Wrightsville to Groom's store along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Wrightsville, 0.3 mi. n. of, at n. e. cor. of cross pikes at Leonard & Sons' gen. store, 20 ft. w. and 20 ft. s. to cen. +pikes; iron pst. stpd. "**Prim.Trav.Sta. No.17. Ohio,1910**"	**38 42 28.3**	**83 30 37.6**
Wrightsville, 1.3 miles n. of, at J. B. Johnson's residence; center of pike at T road northeast	38 43 26.3	83 30 51.5
Abandoned schoolhouse, on pike at T road west	38 44 04.4	83 31 00.6
Groom's store, 0.2 mi. s.w. of; forks of rd. at w. end of brdg.	38 44′ 48.9	83 31 06.8

Point near Groom's store via Bentonville and Clayton to Hickory Church along highways

T road north up branch, center of pike	38 44 21.5	83 32 16.8
Catbird schoolhouse No. 10, center of crossroads	38 44 13.4	83 33 20.4
T road west, center of	38 44 24.6	83 33 47.1
Old house, north of; center of crossroads	38 44 56.5	83 34 11.3
Bentonville, center of cross pikes	38 44 57.8	83 36 47.8
Bentonville, 1 mi. w. of; in n. e. cor. of pasture at s. w. cor. of T road s., 30 ft. e. and 20 ft. n. to cen. of T rd.; iron post stamped "**Prim. Trav. Sta. No. 18. Ohio, 1910**" (on Seaman quad.)	**38 45 15.3**	**83 37 55.7**

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Bentonville, 0.3 mi. s. by 1.5 mi. w. of; center of crossroads	38 44 36.8	83 38 33.3
Ratis Roush farm, cen. of T rd. s., 20 ft. n. and 20 ft. w. to Ed. West's mail box	38 44 05.4	83 39 15.9
Clayton, cen. of crossroads, 25 ft. due e. to s. w. cor. of old house	38 44 39.4	83 40 36.1
Clayton, 1 mi. w. of, Adams-Brown county line mon., on s. side of rd	38 44 47.3	83 41 53.0

Wrightsville via Manchester to Aberdeen along highways

Allen's store, center pike opposite	38 42 04.0	83 32 45.2
Lindsey Creek, west of; pike at private road northwest	38 41 44.8	83 34 44.8
Manchester, 1 mile east of; cen. of forks of pike	38 41 33.7	83 35 19.1
Manchester, center of crossing of Main and Pike Streets	38 41 13.8	83 36 32.0
Schoolhouse No. 15, pike opposite	38 41 08.3	83 37 31.1
J. C. Rinehart's res., e. side of Manchester-Aberdeen pike, at T rd. w., 10 ft. w. of cen. of T rd.; iron post stamped **"Prim. Trav. Sta. No. 19. Ohio, 1910"**	**38 39 15.0**	**83 38 26.9**
Jos. D. Mott's mail box, cen. of Manchester-Aberdeen pike, at rd. s	38 38 17.7	83 39 17.2
Glendale schoolhouse No. 1, cen. of Manchester-Aberdeen pike, at T rd. s	38 38 20.0	83 40 14.0
Little Threemile Creek, T pike n. just east of; 10 ft. s. to D. Scott & Son's mail box	38 38 30.5	83 41 04.9
Manchester-Aberdeen pike at Adams-Brown county line, 10 ft. w. to culvert	38 38 41.8	83 42 20.4
Aberdeen, 0.8 mi. e. of, near Manchester-Aberdeen pike, at rd. n. e. up hill, 15 ft. s. to cen. of yard gate	38 39 03.4	83 44 58.3

Aberdeen to Hickory Ridge Church along highways

Threemile Creek, at s. end of cov. brdg. over forks of rd.; 20 ft. n. to s. w. cor. of bridge	38 40 21.6	83 44 52.6
Schoolhouse No. 5, 0.3 mi. n. of; cen. of small triangle at forks of pike	38 41 26.9	83 44 43.2
Pike at T rd. n., 20 ft. e. and 5 ft. n. to mail box of John Griffith, Jr	38 41 56.2	83 44 17.8
Heitt, at covered bridge, cen. of triangle in forks of pike	38 43 12.5	83 43 32.1
Hickory Ridge Church, 0.5 mi. s. of cov. bridge, cen. of forks of rd	38 44 35.2	83 42 42.3

Richmond (New Paris) **Quadrangle**

Ebenezer west to Ohio-Indiana State line along spur line

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Ebenezer (Gettysburg), 1.5 mi. w. of; crossing of National rd. and n.-s. rd. (on West Manchester quad.)	39 50 19.7	84 44 47.7
New Paris, 1.5 miles south of; center of cross pikes	39 50 08.5	84 47 36.2
Crossing of National rd. and Ohio-Indiana State line	39 50 01.9	84 48 48.0

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State line north along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Prim. Trav. Sta. No. 38 (on Liberty quad.)	**39 44 37.7**	**84 48 50.9**	....
T. 8 N., R. 1 E., w. cor. of secs. 30 & 31; State line	39 45 30.6	84 48 51.0	5,360
T. 8 N., R. 1 E., west corner of secs. 19 and 30, center of T road east; State line.....	39 46 23.8	84 48 50.7	5,380
T. 13 N., R. 1 W., e. cor. of secs. 13 and 24.....	39 47 07.2	84 48 50.8	4,390
T. 8 N., R. 1 E., stone at w. corner of secs. 18 & 19; State line	39 47 16.8	84 48 50.8	970
T. 8 N., R. 1 E.. west corner of secs. 7 and 18, at stone; State line....	39 48 08.4	84 48 50.2	5,220
Stone at turn of road....	39 48 51.9	84 48 49.9	4,400
Ohio-Indiana State line, +ing of elec. Ry. at Richmond and Eaton road	39 49 37.2	84 48 49.1	4,580
Tps. 8 and 9 N., R. 1 E.; State line.....	39 49 48.6	84 48 49.0	1,152
New Paris, 1.5 mi. s. of; center of cross pikes...	39 50 08.5	84 47 36.2	6,027
New Paris, cen. of +ing Main-Washington Sts.	39 51 27.5	84 47 33.0	7,996
New Paris, 0.8 mile northwest of forks of pike, 15 feet north to north end of culvert...	39 51 53.8	84 48 08.5	3,836
T. 9 N., R. 1 E., west cor. of secs. 18 and 19, cen. of T road north; State line.....	39 52 23.5	84 48 46.6	4,233
T road west, center of; State line....	39 53 28.0	84 48 45.4	6,530
New Paris, 2.2 mi. n. and 1 mi. w. of, 0.5 mi. e. of Ohio-Indiana State line, on s. side of T road n. at J. A. Garretson's residence; iron post stpd. **"Prim. Trav. Sta. No. 39. Ohio, 1910"**.....	**39 53 30.1**	**84 48 18.6**	**2,098**
State line, 0.5 mile east of, 1 mi. s. of Preble-Darke county line; center of T road east.....	39 54 05.2	84 48 16.1	3,556
Tps. 9 and 10 N., R. 1 E., w. cor. of secs. 6 & 31; stone at meeting point of Preble, Darke, and Wayne counties, State line.....	39 55 02.4	84 48 44.2	6,185
J. M. Wallace's mail box, center of T road west.	39 55 55.1	84 48 34.5	5,386
T road east, center of.....	39 57 40.7	84 48 33.4	10,686
T. 10 N., R. 1 E., west corner of fractional secs. 18 and 19; State line.....	39 57 40.7	84 48 41.4	623
Hollandsburg, 1.7 mi. s. w. of; cen. of T road east	39 58 33.3	84 48 21.0	5,555
Hollandsburg, 1 mile southwest of; forks of pike	39 59 11.2	84 48 03.4	4,072
Hollandsburg, cen. of cross streets at postoffice	39 59 54.8	84 47 35.4	4,919

Richwood Quadrangle

Raymonds to siding via Toledo & Ohio Central Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Raymonds station, crossing 180 feet northwest of.....	40 19 56.2	83 28 11.5

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Peoria, Erie Ry. crossing at	40 18 39.2	83 27 04.0
Milepost 98, crossing 1,340 feet south of	40 18 05.4	83 26 34.9
Siding, crossing 120 feet north of north end of	40 16 28.9	83 25 11.7

Near east border of quadrangle north along highways

Roads north, south, east, and west	40 16 56.0	83 15 02.0
Roads north, west, and south	40 18 00.7	83 15 07.2
State road, northeast and southwest	40 23 46.7	83 16 07.9
Richwood-Prospect pike, T road south	40 26 10.7	83 15 32.1
East-west pike, T road south	40 27 47.0	83 15 04.0
Woodland, 570 feet south w. of; +ing on Big Four Route.	40 28 45.3	83 15 27.4
Crossing of east-west pike, T road south	40 29 37.0	83 15 35.6

Near west border of quadrangle north along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Marysville-Bellefontaine pike at road south	40 15 17.8	83 26 23.8	.....
Crossroads	40 16 32.8	83 26 31.2	.....
T road south	40 17 44.0	83 26 38.3	7,234
Peoria, junction of Erie and T. & O. C. Rys	40 18 39.2	83 27 04.0	5,933
Broadway, 1 mi. s. w. of; Erie Ry. at n.-s. pike +ing	40 19 51.0	83 25 36.5	9,941
T road north	40 20 09.4	83 26 23.3	4,061
York, 3 mi. s. by 1 mi. e. of; on e. side of rd. at T rd. w., 10 ft. w. by 5 ft. n. to cen. of T rd.; iron post stpd. **"Prim. Trav. Sta. No. 80. Ohio, 1910"**	**40 21 50.8**	**83 26 09.8**	**10.315**
York, 3 mi. s. of; crossroads	40 21 50.9	83 27 16.2	5,136
York, 1.5 miles south of; T road west	40 23 14.0	83 27 13.2	8,409
York Center, cross pikes	40 24 27.9	83 27 11.0	7,480
York Center, 2 miles northeast of; crossroads	40 25 26.5	83 25 49.0	8,682
Greenville treaty line, center of road	40 26 35.9	83 26 48.7	8,398
Byhalia, cross pikes	40 27 12.8	83 27 19.7	4,430
Pike at road east	40 27 49.8	83 27 50.7	4,440
Byhalia and county line road at rd. e. to Arbela.	40 28 53.0	83 28 43.1	7,570
Byhalia, 3 mi. n. w. of, at s. e. cor. of Byhalia and Co. line pike at rd. e., 35 ft. w. by 20 ft. n. to cen. of insersec.; iron post stpd. **"Prim Trav. Sta. No. 83. Ohio, 1910"**	**40 29 32.4**	**83 29 15.4**	**4.693**

Near north border of quadrangle east along highways

Covered bridge over Rush Creek, center of	40 29 43.8	83 27 44.7	7,103
Arbela, 2 mi. n. w. of; +rd. just e. of schoolhouse	40 29 55.4	83 26 07.7	7,587
T road north	40 29 40.0	83 19 05.4	.....
Baldwin schoolhouse No. 5, cen. of pike at road w.	40 29 48.5	83 17 37.3	6,858

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	° ′ ″	° ′ ″	Feet
Woodland, 1 mi. n. of, at s. w. cor. of T rd. s., 25 ft. e. by 20 ft. n. to cen. of T rd.; iron post stamped "Prim. Trav. Sta. No. 85. Ohio, 1910"	**40 29 36.7**	**83 15 36.0**	**9,458**
Through center of quadrangle east along highways			
North-south rd. at rd. s. w., 10 ft. w. and 10 ft. n. to hickory tree	40 22 24.2	83 29 34.6	.....
T road east at Frank Watt's mail box	40 21 53.2	83 28 53.7	4,464
Middleton schoolhouse, 0.25 mi. e. of; crossroads.	40 22 20.5	83 25 02.2	.....
Crossroads	40 22 44.2	83 24 18.7	4,144
T road north	40 22 38.9	83 23 24.2	4,259
Erie Ry. at e.-w. rd. +ing, 0.5 mi. n. e. of water tank	40 22 26.3	83 22 10.7	5,841
Taylor-Leesburg township line, at n. w. cor. of +rds., 30 ft. e. by 30 ft. s. to cen. of +rds.; iron post stpd. "Prim. Trav. Sta. No. 81. Ohio, 1910"	**40 22 08.2**	**83 20 54.8**	**6,161**
Crossroads	40 21 49.5	83 19 40.8	6,039
Schoolhouse No. 1, T road west at	40 21 33.8	83 18 38.4	5,091
Schoolhouse No. 2, just south of; T road east	40 21 22.2	83 17 54.0	3,644
Magnetic Springs, 0.3 mile north of; crossroads	40 21 30.9	83 15 40.0	10,418

Roxabel Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Egypt Church, intersec. of roads about 300 ft. n. of; 27 ft. n. to cross on cor. fence post; 48 ft. w. to front yard gate	39 29 59.0	83 12 10.1
Clarksburg, T rd. s. w. 1 mi. s. e. of, 18 ft. w. to cross on white oak tree, 28 ft. n. to A. L. Lippincott's mail box	39 29 41.5	83 08 20.6
Bridge, T road n. e. about 400 ft. s. e. of, on Chillicothe pike, 33 ft. n. to cross on tel. pole, 40 ft. e. to cross on cor. fence post	39 29 11.5	83 07 37.1
Brownstown, T rd. n., 19 feet n. w. to n. cor. of post office porch, 50 ft. e. to cross cut on board fence	39 29 36.5	83 06 10.8
Deer Creek, south end of covered steel bridge over	39 29 12.1	83 05 06.3
T rd. n. e., 21 ft. w. to mail box, 30 feet n. to cross on cor. fence post	39 29 21.1	83 04 32.3
Schoolhouse No. 3, T rd. n., 27 ft. s. e. to cross on gatepost, 30 ft. n. w. to cross on cor. fence post	39 28 55.0	83 03 13.8
Yellowbud, T rd. w. 0.75 mi. s. of, 25 ft. n. e. to cross on tel. pole, 40 ft. s. w. to cross on corner fence post	39 29 28.7	83 00 48.9
Yellowbud, about 1.75 miles s. of; T road e., 21 ft. s. w. to cross on tel. pole, 21 ft. n. e. to cross on fence post	39 28 39.3	83 01 02.5
Near south border of quadrangle east along highways		
T road south	39 15 19.4	83 11 25.1
Bourneville, 1 mile s. w. of, intersec. of Chillicothe and Waverly pikes	39 15 59.8	83 10 15.0

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Junction of Waverly pike with pike w. to Storms station.	39 15 20.8	83 09 34.6
Schoolhouse No. 10, center of T road south	39 15 18.1	83 07 52.2
Andy Miller's store, T road south	39 15 02.4	83 06 48.1
Newingburg, on s. side of e.-w. road; iron post stamped **"Prim. Trav. Sta. No. 72. Ohio, 1909"**	**39 16 04.7**	**83 06 01.5**
Slaughter farm, center of crossroads	39 15 19.2	83 04 36.4

Through center of quadrangle west along highways and railways

Ross county infirmary, 0.8 mile west of; crossroads, 25 ft. n. and 10 ft. west to W. D. Overly's mail box	39 24 27.6	83 00 43.8
View, center of crossroads	39 24 13.4	83 03 01.1
Store at forks of road south of John O. Byer's residence.	39 23 57.5	83 04 29.7
Schoolhouse No. 4, on Chillicothe-Frankfort pike; T pike n.	39 22 47.0	83 04 38.2
Maple Grove Hotel, flagstaff on water tank	39 22 22.6	83 06 04.8
B. & O. S. W. and C. H. & D. railway crossing, about 200 ft. n. e. of, on n. side of public road; iron post stamped **"Prim. Trav. Sta. No. 73. Ohio, 1909"**	**39 21 32.7**	**83 06 25.9**
Bridge No. 88, road crossing south of	39 21 54.6	83 07 56.3
Musselman, road crossing at station	39 22 06.2	83 08 31.6
Musselman, 1 mile northwest of station	39 22 37.9	83 09 17.0
Roxabel, at station; center of track opposite teleg. window	39 23 01.7	83 11 07.0
Roxabel, about 1.2 miles s. w. of station, 770 feet west of milepost 84 C; road crossing	39 22 37.1	83 12 22.3
Milepost, 83 C, east of; road crossing	39 22 15.1	83 13 09.2
Crossing on road northwest-southeast	39 22 11.8	83 13 52.8

Near west border of quadrangle north along highways

T rd. n.; w. of steel bridge, 0.2 mi. e. of large white house	39 22 34.3	83 14 54.8
Austin, forks of road, west of bridge, 25 feet north and 15 feet west to Shaw & Haine's store door	39 26 12.5	83 13 23.8
North-south pike crossing on C. H. & D. Ry., 70 ft. west of west end of bridge 92	39 27 05.8	83 14 02.4

Sabina Quadrangle

Melvin to Sabina via Baltimore & Ohio Southwestern Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Melvin station, crossing 200 feet east of	39 28 24.8	83 43 01.2
Reesville, crossing at	39 28 57.1	83 40 41.2
Sabina station, crossing 100 feet west of	39 29 33.6	83 38 07.4

Near west border of quadrangle north along highways

Intersection of roads, T road southwest	39 18 22.9	83 44 45.6
T road southwest	39 23 29.5	83 44 55.0

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New Antioch, in west part of; T road northeast at church	39 24 32.0	83 44 56.0
Union schoolhouse, T road southwest near	39 25 53.4	83 44 11.0
T road southwest	39 26 31.9	83 44 53.0
T road northwest	39 28 23.3	83 44 21.9

Near east border of quadrangle south along highways

Bunker Hill schoolhouse, on Snowhill pike, road southeast	39 29 20.5	83 31 29.4
Staunton, 1 mi. s. w. of, on Worthington pike; T rd. n. w.	39 28 17.8	83 30 14.8
Worthington pike at junction of Trace road	39 27 47.2	83 31 23.0
Trace road at junction of Leesburg pike	39 26 50.8	83 30 08.2
Washington rd. at +ing of Greenfield road; Washington 9 mi., Leesburg 6 miles	39 25 52.9	83 30 49.0
Schoolhouse No. 6, 1.2 mi. s. of; on Washington rd. at rd. e.	39 24 29.6	83 31 38.2
Washington road at crossing of Sabina-East Monroe pike	39 23 53.2	83 31 59.6
Olive Chapel (M. E.), w. of junc. of Barger & Stafford pikes	39 23 05.7	83 31 08.3
Fayette-Highland Co. line, intersection with Barger road.	39 22 41.5	83 30 43.9
East Monroe, 1.25 mi.n.w. of, on w. side of Barger rd. at rd. n. e.; iron post stpd. **"Prim. Trav. Sta. No. 61. Ohio, 1909"**	**39 22 26.6**	**83 30 30.5**
Lees Creek, center of steel bridge over	39 20 39.9	83 30 33.4
Hillsboro road at crossing of east-west road	39 19 43.8	83 31 14.8
Union schoolhouse No. 6, 0.8 mi. n. of, on Hillsboro road at T pike west	39 18 40.0	83 31 25.4
Johnson's blacksmith shop, 0.3 mi. s. of; +ing of e.-w. rd. and Hillsboro road	39 17 02.4	83 32 07.3
T road south	39 16 59.9	83 31 21.6
Andy Morrison's residence, 0.2 mi. w. of; cen. of T rd. e.	39 16 14.3	83 31 11.0
Bridge over Fall Creek, center of	39 15 18.2	83 30 42.6

Through center of quadrangle east along highways

	° ′ ″	° ′ ″
Snowhill, 1.5 mi. n. w. of, on e. side of Wilmington pike, at T road s. w.; iron post stamped **"Prim. Trav. Sta. No. 65. Ohio, 1909"**	**39 21 56.8**	**83 43 47.8**
Mount Olive schoolhouse district 10, cross pikes	39 23 00.3	83 42 29.2
Snowhill, 2 miles northeast of; center of cross pikes	39 22 18.4	83 41 08.7
Joseph Edward's mail box, cross pikes	39 21 40.8	83 39 18.3
M. L. Rockford's mail box, on north-south pike, pike n. e.	39 21 35.4	83 38 07.4
T. Morrison's res., s. e. of, on e. side of Lexington-Reesville pike at pike s. w.; iron post stamped **"Prim. Trav. Sta. No. 66. Ohio, 1909"**	**39 22 43.4**	**83 36 32.4**
Albert Van Pell's mail box, crossing of rd. n. e.-s. w. and Lexington-Reesville pike	39 23 21.8	83 36 44.8
H. S. Adams's mail box, on old Urbana pike, rd. s. w., 20 ft. north to center of bridge	39 23 55.9	83 35 57.4
Clinton-Fayette county line stone	39 23 54.9	83 35 21.1
Morris road at crossing of Barger road	39 24 24.2	83 34 41.2
Barger road at crossing of north-south road	39 24 25.8	83 33 31.1

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Washington road at crossing of Barger road	39 23 53.2	83 31 59.6
Highland-Fayette county line, center of road at	39 22 41.2	83 30 04.6

St. Clairsville Quadrangle

Meridian Marks

St. Clairsville, within the Belmont County Agricultural Society fair grounds; a sandstone post 40 by 12 by 20 inches set 40 inches in the ground, in the center of top of which is cemented a bronze meridian tablet.

Distant mark: North of station 400 feet, a sandstone post 72 by 12 by 20 inches set 40 inches in the ground, in the center of top of which is cemented a bronze triangulation tablet.

St. Henry Quadrangle

South of Rossburg to Coldwater via Cincinnati Northern R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Bridge, east-west road crossing west of	40 15 02.5	84 38 34.7
Oaktree, east-west road crossing 150 feet southwest of	40 15 54.4	84 38 32.6
Rossburg, east-west road crossing	40 16 46.6	84 38 22.8
Crossing of east-west road	40 17 38.8	84 38 37.6
Trestle, road crossing under railway at south end of	40 18 31.2	84 38 37.1
Crossing of east-west road	40 19 23.7	84 38 36.6
New Weston, road crossing	40 20 15.8	84 38 36.2
Gilbert (Burkettsville), road crossing	40 21 07.6	84 38 36.1
Crossing of east-west road	40 21 59.8	84 38 36.1
Crossing of east-west road	40 23 32.9	84 38 36.1
Crossing of east-west road	40 24 25.3	84 38 36.1
St. Henry, road crossing	40 25 05.0	84 38 36.1
Crossing of east-west road	40 26 10.8	84 38 36.1
Baradees, road crossing	40 27 03.3	84 38 36.0
Crossing of east-west road	40 27 55.9	84 38 16.3
Coldwater, road crossing	40 28 47.9	84 37 38.4
Near south border of quadrangle west along highways		
T road south	40 15 21.1	84 35 24.7
Schoolhouse No. 6, T road west at	40 15 28.3	84 35 57.6
T. 13 N., R. 2 E., quar. cor. between secs. 1 & 2 crossrds.	40 15 28.1	84 36 52.3
T rd. e., near quar. cor. betwn. secs. 2 & 3, T. 13 N., R. 2 E.	40 15 28.4	84 38 10.9
Cincinnati Northern Ry., at east-west road crossing	40 15 02.5	84 38 34.7
T. 13 N,, R. 2 E., corner of secs. 3, 4, 9, and 10	40 15 02.5	84 39 08.8

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Near west border of quadrangle north along highways

T. 13 N., R. 1 E.. corner of secs. 1, 2, 11, and 12.....	40 15 06.9	84 43 40.9
Tps. 13 and 14 N., R. 1 E., corner of secs. 2, 3, 33, and 34	40 16 02.0	84 44 49.0
T. 14 N., R. 1 E., corner of secs. 26, 27, 34, and 35.....	40 16 54.3	84 44 49.8
T. 14 N., R 1 E., corner of secs. 22, 23, 26, and 27	40 17 40.6	84 44 48.9
T. 14 N., R. 1 E., quarter corner between secs. 14 and 23.	40 18 32.8	84 44 14.5
T. 14 N., R. 1 E., corner of secs. 11, 12, 13, and 14.....	40 19 24.3	84 43 39.5
T. 14 N., R. 1 E., corner of secs. 1, 2, 11, and 12..... ...	40 20 16.6	84 43 38.9
Tps. 14 and 15 N., R. 1 E., corner of secs. 1, 2, 35, and 36.	40 21 08.9	84 43 38.4
Sharpsburg, crossing of pike and road.....	40 22 04.4	84 42 38.8
Road southwest.....	40 22 53.2	84 42 08.0
T. 15 N., R. 1 E., quar. cor. between secs. 24 and 25.....	40 22 53.6	84 43 09.4
T. 15 N., R. 1 E., quar. cor. between secs. 13 and 24.....	40 23 46.7	84 43 08.6
Schoolhouse, T road south at.....	40 24 15.6	84 43 08.6
T. 7 S., R. 1 E., corner of secs. 13, 14, 23, and 24.	40 25 17.9	84 42 27.5
T. 7 S., R. 1 E., corner of secs. 11, 12, 13, and 14.....	40 26 10.5	84 42 27 6
T. 7 S., R. 1 E., corner of secs. 1, 2, 11, and 12	40 27 02.9	84 42 27.8
Tps. 6 and 7 S., R. 1 E., corner of secs. 1, 2, 35, and 36...	40 27 55.4	84 42 27.8
T. 6 S., R. 1 E., cor. of secs. 26, 27, 34, and 35; crossroads	40 28 48.0	84 43 36.6
T. 6 S., R. 1 E., cor. of secs. 22, 23, 26, & 27; 20 ft. n. & 20 ft. w. of, +rds. at sec. cor.; iron post stamped **"Prim. Trav. Sta. No. 23. Ohio, 1909"**.....	**40 29 40.7**	**84 43 36.9**

Near north border of quadrangle east along highways

T. 6 S., R. 1 E., cor. of secs. 27, 28, 33, and 34; crossroads	40 28 47.9	84 44 45.7
T. 6 S. R. 1 E., cor. of secs. 26, 27, 34, and 35; crossroads	40 28 47.9	84 43 36.8
T. 6 S., R. 1 E., cor of secs. 25, 26, 35, and 36; crossroads.	40 28 47.9	84 42 27.8
T. 6 S., Rs. 1 and 2 E., cor. of secs. 25, 30, 31, and 36; +rds.	40 28 47.9	84 41 19.2
T. 6 S., R. 2 E., corner of secs. 29, 30, 31, and 32; +roads	40 28 47.9	84 40 00.1
T. 6 S., R. 2 E., cor. of secs. 28, 29, 32, and 33; +roads...	40 28 48.0	84 38 51.4
T. 6 S., R. 2 E., cor. of secs. 27, 28, 33, and 34; +roads. .	40 28 47.9	84 37 43.0
Coldwater, crossing of C. N. Ry. and Main Street.....	40 28 47.9	84 37 38.5
T. 6 S., R. 2 E., cor. of secs. 26, 27, 34, and 35; crossroads.	40 28 48.2	84 36 34.3
Coldwater, crossroads 2 miles east of.....	40 28 52.3	84 35 25.9
Montezuma station, crossroads 1 mile west of.....	40 29 01.7	84 34 16.9
Montezuma station, road crossing on C. H. & D. Ry., n. of	40 29 18.0	84 33 10.1
Crossing of east-west road, C. H. & D. Ry.....	40 28 49.1	84 32 38.8
Tps. 6 and 7 S., R. 3 E., cor. of secs. 32, 33, 4, and 5.....	40 27 56.4	84 31 53.3
Crossing of north-south road, C. H. & D. Ry.....	40 27 19.7	84 31 01.8
Crossing of north-south road, C. H. & D. Ry.....	40 26 48.1	84 30 27.5
T. 6 S., R. 3 E., quar. cor. btwn. secs. 27 & 28, near twp. house; crossroads.....	40 29 15.3	84 30 44.0
T. 6 S., R. 3 E., quar. cor. between secs. 28 & 29; T rd. n.	40 29 15.3	84 31 52.9

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Near southeast corner of quadrangle

T road west at center of sec. 36, T. 12 N., R. 3 E., ...	40 16 28.5	84 30 15.5

St. Paris Quadrangle

Near west border of quadrangle south and north along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
St. Paris, 1.5 mi. w. of, at s. w. cor. of +roads, 25 ft. west and 85 ft. n. of quar. cor. between secs. 24 and 30, T. 3, R. 11; iron post stpd. **"Prim. Trav. Sta. No. 42. Ohio,1909"**	**40 08 00.0**	**83 59 12.4**
T. 3, R. 11, quar. cor. between secs. 23 and 29; crossroads	40 07 08.1	83 59 17.2
T. 3, R. 11, corner of sections 22, 23, 28, and 29..... .	40 06 42.0	83 59 19.9
T. 3, R. 11, corner of sections 20, 21, 26, and 27	40 04 57.7	83 59 30.6
T. 3, R. 11, corner of secs. 19, 20, 25, and 26; crossroads..	40 04 04.9	83 59 35.7
T. 3, R. 10, corner of secs. 23, 24, 29, and 30; Champaign-Clark county line.....	40 02 17.5	83 59 46.7
T. 3, R. 10, corner of sections 22, 23, 28, and 29.....	40 01 24.9	83 59 52.1
T. 3, R. 10, cor. of secs. 21, 22, 27, and 28; crossroads.....	40 00 31.3	83 59 57.6
T. 3, R. 11, n. cor. of secs. 24 and 30, at jog in road west	40 08 24.6	83 59 09.9
T. 3, R. 12, cor. of secs. 19, 20, 25, and 26; crossroads....	40 09 17.4	83 59 08.5
Prince schoolhouse, No. 1, 430 ft. south of; T road east...	40 10 09.6	83 59 03.5
T. 3, R. 12, corner of sections 21, 22, 27, and 28	40 11 02.3	83 58 59.6
T. 3, R. 12, cor. of secs. 22, 23, 28, and 29; T road east...	40 11 54.3	83 58 53.6
Carysville, crossroads.....	40 12 43.1	83 58 48.4
T. 3, R. 12, corner of sections 23, 24, 29, and 30..... ...	40 12 46.8	83 58 47.9
T. 3, Rs. 12 and 13, cor. of secs. 19, 24, 25, and 30.....	40 13 38.8	83 58 42.6
Quincy, 4 mi. s. of, at n. e. cor. of +roads, 20 ft. e. and 20 ft. n. of cor. of secs. 19, 20, 25, and 26, T. 3, R. 13; iron post stamped **"Prim. Trav. Sta. No. 35. Ohio, 1909"**....	**40 14 32.1**	**83 58 37.1**
T. 3, R. 13, corner of secs. 25, 26, 31, and 32, near Bethel Chapel; crossroads....	40 14 35.8	83 59 46.2

Near north border of quadrangle west along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Crossroads	40 13 52.1	83 47 47.7	.....
T. 4, R. 13, quar. cor. between secs. 7 & 8; +rds.	40 13 56.1	83 48 56.6	5,360
T. 4, R. 13, stone cor. of secs. 13, 14, 19, & 20; +rds.	40 14 02.6	83 50 37.8	7,880
T. 4, R. 13, 10 ft. n. w. of cor. of secs. 19, 20, 25, and 26, at s. e. cor. of T rd. e., 20 ft. w. and 15 ft. n. to cen. of T rd.; iron post stamped **"Prim. Trav. Sta. No. 97. Ohio, 1910"**.....	**40 14 06.4**	**83 51 46.7**	**5,363**
T road north.....	40 13 44.7	83 53 01.0	6,175
T. 3 and 4, R. 13, stone at quarter cor. between secs. 1 and 31; township line.....	40 13 48.1	83 54 06.6	5,100

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T. 3, R. 13, quar, cor. between secs. 1 & 7; T rd. s.	40 13 52.4	83 55 13.2	5,190
T. 3, R. 13, quar. cor. between secs. 7 and 13; T road east at Mt. Zion Church and schoolhouse	40 13 56.8	83 56 22.2	5,370
T. 3, R. 13, cor. of secs. 13, 14, 19, and 20; +rds.	40 14 27.6	83 57 28.5	6,016
Through center of quadrangle east along highways			
St. Paris, intersection of Main & Springfield Sts.	40 07 43.1	83 57 32.8	.....
Crossroads	40 07 28.6	83 56 05.5	6,940
T. 3 and 4, R. 11, cor. of secs. 5, 6, 35, and 36	40 07 17.6	83 54 45.2	6,334
T. 4, R. 11, corner of sections 29, 30, 35, and 36.	40 07 13.8	83 53 37.8	5,250
Nettleton, T road north	40 07 09.9	83 52 28.5	5,395
T. 4, R. 11, 40 ft. w. and 15 ft. n. of quarter cor. between secs. 17 and 23, at n. w. cor. of T rd. n.; iron post stamped "Prim. Trav. Sta. No. 98. Ohio, 1910"	40 06 39.2	83 51 23.2	5,945
T. 4, R. 11, quarter corner between sections 11 and 17; crossroads at Westville	40 06 34.9	83 50 14.6	5,349
T. 4, R. 11, quar. cor. between secs. 5 & 11; T rd. s.	40 06 30.9	83 49 06.8	5,280
T. 4 and 5, R. 11, quarter cor. between sections 5 and 35; T road south	40 06 26.9	83 47 57.7	5,380
T road south	40 06 23.8	83 47 05.0	4,110
Urbana, Main Street at north-south road	40 06 33.6	83 46 11.0	4,313

Salem (See Lisbon) Quadrangle

Salineville Quadrangle

Near northwest corner of quadrangle

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
East Rochester station, road crossing 700 feet east of (on Carrollton quad.)	40 44 41.8	81 02 05.3
Milepost 50, road crossing 620 feet west of	40 44 05.4	80 58 52.3
Hanover-West township line, railroad crossing on	40 44 00.5	80 58 31.0
Kensington station, road crossing 150 feet west of	40 44 05.3	80 57 22.0
Kensington triangulation station	40 43 20.6	80 56 39.1

Sandusky Quadrangle

Near southwest corner of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Road northwest	41 15 21.8	82 44 42.6
Monroeville, northwest part of; T road west	41 15 01.9	82 42 16.0
Monroeville, north part of, B. & O. Ry. crossing	41 15 02.5	82 41 51.4
Road northeast-southwest	41 15 00.8	82 41 03.2

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Sardinia Quadrangle

Near south border of quadrangle west along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Sardinia, 2.5 mi. e. of, at 5 points near Coddaman schoolhouse, 30 ft. n. and 20 ft. w. to intersec. of roads.; iron post stamped **"Prim. Trav. Sta. No. 86. Ohio, 1909"**	**39 00 07.5**	**83 45 41.33**
County line, fork in rd. just s. of, 10 ft. n. to cen. of brdg.	39 01 10.7	83 45 05.5
Brown-Highland county line stone, on west side of road..	39 01 12.7	83 45 04.9
Sardinia, 1 mile east of; road crossing	39 00 01.6	83 47 25.5
Sardinia, w. part of, intersec. of N. & W. Ry. and Cincinnati road	39 00 26.0	83 48 40.2
Sardinia, 1.2 mi. w. of, on Cincinnati road; T rd. n.....	39 00 38.3	83 49 52.7
Whiteoak, 1.2 miles east of station; T road south.....	39 00 51.0	83 51 18.6
Whiteoak, n. e. cor. of +rds., 25 ft. w. and 10 ft. s. to cen. of +rds.; iron pst. stamped **"Prim. Trav. Sta. No. 92. Ohio. 1909"**.....	**39 01 07.1**	**83 52 38.5**
T road north	39 01 29.8	83 54 25.4
Mount Orab, center of town; cross streets.....	39 01 39.4	83 55 11.9
Cincinnati road, center of; opposite township line stone..	39 01 55.3	83 56 31.4
Maple Grove schoolhouse, 1.25 mi. e. of; cen. of T road s.	39 00 57.6	83 57 37.9
Maple Grove schoohouse, center of T road south.....	39 00 52.1	83 59 11.0

Through center of quadrangle west along highways

A. W. Willett's res., on Cincinnati rd. at intersec. of rd. e.	39 07 41.2	83 45 42.5
Danville, 1.7 mi. w. of, n.-s. rd. +ing.....	39 08 30.6	83 46 09.1
Hamer-Salem twp. line, at +ing of Danville-Pricetown pike	39 08 32.4	83 46 40.0
Pricetown, center of cross pikes.....	39 08 34.4	83 48 09.4
Pricetown, 1 mi. w. of; cen. of pike at T rd. n	39 08 29.7	83 49 10.4
Harwood, cen. of cross pikes at postoffice	39 07 51.7	83 50 46.8
Harwood, 1 mi. w. of postoffice; stone in cen. of +rds...	39 07 49.9	83 51 38.6
Harwood, 1.2 mi. w. of postoffice; cen. of rd. at Highland-Brown county line, 15 ft. s. w. to rd. n.	39 07 50.9	83 52 05.5
Northtown, 3 mi. e. of, at s. e. cor. of Harwood and Fivemile rd., at rd. s., 20 ft. w. and 10 ft. n. to stone at forks; iron post stpd. **"Prim. Trav. Sta. No. 89. Ohio, 1909"**...	**39 07 28.5**	**83 52 52.9**
Gum Corner schoolhouse, 0.8 mi. e. of; T rd. s.....	39 07 16.4	83 54 05.1
Gum Corner schoolhouse, center of crossroads.....	39 07 11.9	83 54 51.5
Northtown (Fivemile), center of crossroads.....	39 07 09.4	83 55 58.4
Crossing of pike and road.....	39 06 54.2	83 57 27.2
Marathon, 2.5 mi. e. of; cen. of pike and rd. +ing.....	39 07 35.0	83 58 37.9

Near Lynchburg

Dill, +ing of e.-w. pike and B. & O. Southwestern Ry ...	39 13 38.1	83 45 02.0
Crossing of north-south road	39 14 08.4	83 46 28.6

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	° ′ ″	° ′ ″
Lynchburg, in n. cor. of Ry. fork, 29 ft. s. of store, 74 ft. n. w. of Ry. sta.; iron post stpd. **"Prim. Trav. Sta. No. 64. Ohio, 1909"**	**39 14 30.8**	**83 47 32.0**
Lynchburg, crossing of Main St. and B. & O. S. W. Ry.	39 14 30.5	83 47 32.4
Crossing of north-south road	39 14 35.0	83 47 45.6

Near northwest corner of quadrangle

M. Brown's mail box; T road southwest	39 13 59.5	83 59 11.8
Crossroads	39 14 26.9	83 59 41.3

Sciotoville Quadrangle

Near east border of quadrangle south along highways

Stations	Latitude	Longitnde
	° ′ ″	° ′ ″
Schoolhouse, T rd. w. just s. of, 15 ft. e. to cross on rail fence, 36 ft. s. w. to cross on cor. fence post	38 59 21.2	82 46 40.9
Mary Crabtree's res., +rds. at, 21 ft. n. w. to cross on picket fence, 35 ft. s. e. to cross on cor. post to yard fence	38 58 41.6	82 46 27.0
T rd. e., 30 ft. s. e. to cross on fence post, 21 ft. n. e. to cross on white oak tree	38 57 27.2	82 46 15.5
T. 5, R. 19, north corner of secs. 5 and 6	38 56 46.6	82 46 08.4
Myrtle postoffice (discontinued), 0.25 mi. n. of, in ground in n. w. part of Hamilton churchyard, wire nail in cross cut on s. face of large white oak tree on n. side of e.-w. rd. bears N. 27° E., dist. 49.5 ft.; cross cut on n. w. cor. of found. to church bears S. 15° 45′ E., dist. 13.1 ft.; iron bench-mark post stpd. **"Prim. Trav. Sta. No. 21"**	**38 55 18.8**	**82 45 34.8**
T. 5, R. 19, quarter corner between secs. 8 and 17	38 54 54.5	82 45 52.5
McDaniel's res., intersec. of rds. s. of, 30 ft. n. to cross on sycamore tree, 24 ft. s. to arrow on cor. fence post	38 54 38.9	82 46 42.8
Schoolhouse No. 12, near, cemented in solid rock; bench-mark tab. stpd. "Elevation, 678 feet"	38 54 16.1	82 46 42.7
J. H. Dever's farm, T rd. w. just n. of cov. brdg., 27 ft. s. w. to cross on top of board fence, 24 ft. e. to J. H. Dever's mail box	38 53 43.5	82 46 18.6
Iron brdg. over Little Scioto Riv., T rd. w., 60 ft. w. to e. end of brdg., 60 ft. n. to J. D. Martin's mail box	38 53 10.8	82 46 30.0
T. 5, R. 19, 0.25 mi. west of cor. secs. 28, 29, 32, and 33	38 52 12.1	82 45 59.6
Intersection of rds. near church, e. end of small bridge	38 51 24.0	82 46 06.7
Pinkerman, in Liberal Brethren churchyd., s. w. cor. of found. to church bears N. 67° E., dist. 6.3 ft.; n. w. cor. found. to church bears N. 45° E., dist. 38 ft.; iron post set 36 in. in ground stpd. **"Prim. Trav. Sta. No. 22"**	**38 50 17.4**	**82 46 09.9**

Webster to Scioto Furnace via Baltimore & Ohio Southwestern R. R.

Webster, rd. +ing B. & O. S. W. Ry., about 0.75 mi. s. w. of (on Oakhill quad.)	38 48 57.4	82 44 27.0
Trestle No. 374, north-south road crossing under	38 48 28.8	82 45 35.5
Scioto Furnace station	38 47 57.9	82 45 54.8

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Through center of quadrangle west along highways

Jackson-Scioto county line, at crossing of pike	38 53 19.3	82 45 33.5
Jackson-Scioto county line, T. 5 N., R. 19 W., cor. of secs. 20, 21, 28, and 29	38 53 04.0	82 45 35.2
Steel bridge over Little Scioto River, T road west	38 53 10.6	82 46 30.3
Irwin's store, T road southeast	38 52 54.0	82 47 19.0
Schoolhouse No. 10, northwest of; road south	38 52 30.6	82 48 19.0
T. 4 N., R. 20 W., e.-w. road, n. line sec. 35	38 52 22.4	82 49 11.7
T. 4 N., R. 20 W., center of sec. 34; T road north	38 51 57.6	82 50 33.2
Purdy Corners, cen. of sec. 33, T. 4 N., R. 20 W.; crossroads	38 52 00.4	82 51 48.4
Purdy Corners, 0.5 mi. w. of, 0.8 mi. n. of Scioto (Harrisonville), in cen. of top of n. retaining wall to concrete culv.; alum. tab. stamped **"Prim. Trav. Sta. No. 3. Ohio, 1910"**	**38 52 01.9**	**82 52 20.4**
T. 2 and 3 N., R. 21 W., n. e. cor of sec. 1, tp. line	38 51 40.3	82 54 23.8
East-west road at rd. s., 35 ft. e. and 10 ft. s. to John Flower's mail box	38 51 34.3	82 54 33.8
J. H. Chandler's mail box, in triangle at T road southwest.	38 52 00.0	82 57 21.0
Quarter corner between secs. 33 and 34	38 52 18.2	82 57 43.3
Lucasville, 1.5 miles east of; T road south at church	38 52 35.0	82 57 54.9

Near Scioto Furnace along highways

Cameron farm, crossroads, 33 feet southeast to cross on apple tree	38 46 49.1	82 45 17.7
Scioto Furnace, 3 mi. s. of, in orchard at John Bisco's farm, s. w. cor. of stone foun. bears N. 40° 35′ E., dist. 108.6 ft., wire nail in s. face of apple tree used for gatepost bears N. 30° 45′ E., dist. 22.5 ft.; iron bench-mark post stamped. **"Prim. Trav. Sta. No. 23"**	**38 45 48.3**	**82 46 24.4**
T rd. w., 24 ft. n. w. to E. Strickland's mail box, 24 ft. s. e. to cross on fence post	38 45 22.7	82 46 38.0

Sciotoville to Lilly via Baltimore & Ohio Southwestern R. R.

	° ′ ″	° ′ ″
Sciotoville, in e. cor. of W. M. Price's prop., on n. side of B. & O. Southwestern R. R. just off of right of way, n. e. cor. of foun. of Sciotoville Milling Co.'s bldg. bears S. 6° 50′ E., dist. 168.5 ft.; n. e. cor. of B. & O. Southwestern Ry. depot bears S. 59° W., dist. 441.5 ft.; iron bench-mark post set 42 in. in ground, stamped **"Prim. Trav. Sta. No. 26"**	**38 45 37.9**	**82 53 26.9**
Milepost 48, crossing of north-south road 600 feet west of	38 46 05.0	82 52 14.2
Slocum, crossing of north-south road west of platform	38 45 59.8	82 50 32.9
Slocum, crossing of east-west road 1 mile east of	38 45 58.1	82 49 39.6
Milepost 45, road crossing 220 feet south of	38 46 29.8	82 49 16.7
Trestle No. 387, road crossing under	38 46 36.3	82 48 27.7
Lilly (Gephart), road crossing at south end of switch	38 47 06.5	82 47 46.5
Lilly (Gephart), 0.75 mi. n. e. of; overhead road crossing	38 47 31.8	82 47 09.7

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Doty to Lucasville via Norfolk & Western Ry.

Railroad bridge over Little Scioto River, private road crossing just s. of	38 45 13.4	82 52 52.7
Doty station	38 45 19.5	82 54 23.9
Vera Junction, road crossing under trestle No. 1068, 700 ft. n. of, e. track	38 45 43.7	82 59 28.2
Milepost 97, private road crossing 870 ft. n. of, w. track	38 46 53.7	82 59 07.7
Milepost 96, east track	38 47 33.0	82 59 09.4
Chillicothe-Portsmouth pike at crossing under trestle No. 1081, w. track	38 48 38.7	82 59 05.6
Davis station	38 49 34.2	82 58 57.3
Davis station, 1 mi. n. of rd. crossing under trestle No. 1083.	38 50 28.0	82 59 03.0
Schoolhouse, private road crossing	38 51 07.1	82 59 12.0
Milepost 90, private road crossing 200 feet south of	38 52 13.2	82 59 38.3
Lucasville, at s. w. cor. of Purdue Bros'. roller mills. s. e. of cor. of foun. to elevator bears N. 58° 20′ W., dist. 53.5 ft.; cross on s. w. cor. of foun. to roller mills bears N. 1.4 ft. dist.; iron bench-mark post set 42 in. in the ground, stpd. **"Prim. Trav. Sta. No. 28"**	**38 52 51.6**	**82 59 44.4**

Seaman (see West Union) Quadrangle

Shauck Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
T. 19 N., R. 20 W., corner of secs. 3, 4, 9, and 10, +rds. at schoolhse.; Crawford-Morrow Co. line	40 42 40.8	82 44 46.0	.....
T. 19 N., R. 20 W., cor. of secs. 9, 10, 15, and 16.	40 41 48.5	82 44 46.8	5,300
T. 19 N., R. 20 W., cor. of secs. 15, 16, 21, and 22; cen. of T rd. e. at schoolhouse	40 40 56.4	82 44 47.7	5,280
T. 19 N., R. 20 W., cor. of secs. 21, 22, 27, and 28; cen. of +roads	40 40 04.5	82 44 48.4	5,260
T. 19 N., R. 20 W. cor. of secs. 27, 28, 33, and 34; cen. of +roads at schoolhouse	40 39 11.9	82 44 49.0	5,330
Tps. 18 and 19 N., R. 20 W., stone at cor. of secs. 3, 4, 33, and 34; cen. of +roads	40 38 20.0	82 44 49.4	5,260
Shauck, 4.25 mi. w. of, 3 miles n. and 1 mi. w. of Williamsport at n. w. cor. +roads, 0.5 mi. n. of Mt. Pleasant church and schoolhouse, 20 ft. e. and 20 feet south to cor. of secs. 3, 4, 9, and 10, T. 18 N., R. 20 W., +roads; iron post stamped **"Prim. Trav. Sta. No. 54. Ohio, 1910"**	**40 37 27.4**	**82 44 50.3**	**5,336**
T. 18 N., R. 20 W., stone at corner of secs. 9, 10, 15, and 16; center of T road west	40 36 34.5	82 44 51.3	5,360
Williamsport, 1.5 miles north by 1 mile west of; center of T road east	40 36 08.6	82 44 51.8	2,630

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	° ′ ″	° ′ ″	Feet
Williamsport, 1 mile west by 0.5 mile north of; stone at T road north	40 35 15.2	82 44 53.0	5,411
Williamsport, cen. of +rds., 40 ft. n. to guide brd.., 42 ft. w. to s. e. cor. of James Cox's store	40 34 46.2	82 43 49.5	5,718
Williamsport, 1.5 mi. south of, center of +roads, 12 feet south by 5 feet east to beach tree	40 33 29.8	82 44 02.8	7,808
Crossroads, center of	40 32 08.6	82 44 19.6	8,329
T. 17 N., R. 20 W., 350 feet south of quarter cor. between secs. 3 and 10	40 32 08.6	82 44 23.7	320
Crossroads, center of	40 31 19.3	82 44 31.2	5,023
T. 17 N., R. 20 W., 0.25 mile e. of, corner of secs. 9, 10, 15, and 16	40 31 19.3	82 44 42.1	840
Mount Gilead, 3 mi. s. by 4 mi. e. of, in s. e. cor. of foun. to steel brdg. over Middle Fork of Owl Creek, just west of crossroads; alum. tab. stpd. **"Prim. Trav. Sta. No. 59. Ohio, 1910"**	**40 30 21.56**	**82 44 44.04**	**5.860**
Near south border of quadrangle west along highways			
Ankenytown, 1 mi. s. of, center of crossroads	40 31 16.2	82 30 11.3	.....
Ankenytown, 1.7 mi. s. by 0.8 mi. w. of; T rd.n.w.	40 30 40.9	82 31 02.9	5,358
Fredericktown, 1.25 mi. n. by 0.5 mi. e. of, in top of granite bowlder at n. e. cor. of Fredericktown; Wooster rd. at rd. n., 25 ft. s. by 35 ft. w. to locust tree in triangle; aluminum tablet stamped **"Prim. Trav. Sta. No. 57. Ohio, 1910"**	**40 30 04.5**	**82 31 58.8**	**5.680**
T road south (on Fredericktown quad.)	40 29 52.3	82 39 34.0	.....
Mount Gilead, 10 miles from; at Center Corners, cen. of crossroads, 8 miles to Fredericktown	40 30 11.4	82 40 29.6	4,710
Chesterville, 2 mi. n. by 1 mi. w. of; cen. of T rd. s.	40 30 14.3	82 41 59.6	6,964
Chesterville, 2 mi. n. by 2 mi. w. of; cen. of T rd. s.	40 30 17.5	82 43 07.1	5,230
Mount Gilead, 3 miles south by 4 miles east of, **"Prim. Trav. Sta. No. 59. Ohio. 1910"**	**40 30 21.6**	**82 44 44.0**	**7.506**
Through center of quadrangle east along highways			
T. 18 N., R. 20 W., corner of secs. 2, 3, 10, and 11; center of crossroads	40 37 26.6	82 43 42.1	.....
T. 18 N., R. 20 W., corner of secs. 1, 2, 11, & 12; center of crossroads at schoolhouse No. 5	40 37 25.2	82 42 33.2	5,320
T. 18 N., R. 20 W., east corner of secs., 1 and 12, 10 feet south to center of crossroads	40 37 23.5	82 41 25.5	5,230
T. 19 N., R. 19 W., west cor. of secs. 6 and 7	40 37 22.3	82 41 25.5	125
Shauck, cor. of secs. 5, 6, 7, and 8, T. 19 N., R. 19 W.; center of T road west	40 37 22.2	82 39 48.1	7,513
Shauck, 1 mi. n. e. of, on w. side of rd. just n. of church and in front of cem., 44 ft. n. w. to Wilhelm Mon., 52 ft. n.w. to Craven Mon.; iron post stamped **"Prim. Trav. Sta. No. 55. Ohio, 1910"**	**40 37 49.4**	**82 38 57.5**	**4.782**
Crossroads, center of	40 37 27.3	82 37 31.8	6,991
T. 19 N., R. 19 W., corner of secs. 3, 4, 9, and 10; Morrow-Richland county line	40 37 22.2	82 37 31.8	520

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Belleville, 5 miles west of, 4 miles south of Lexington; center of crossroads	40 37 16.1	82 36 45.5	3,625
Cedar Creek, center of steel bridge over	40 37 05.4	82 35 23.9	6,391
Cedar Creek, brdg. over, just s. of Schoolhouse; cen of T road south	40 37 22.7	82 32 54.7	11,646
T. 19 N., R. 18 W., corner of secs. 4, 5, 8, and 9.	40 37 25.4	82 31 47.3	5,200
Belleville, 1 mile west of; center of crossroads	40 37 22.6	82 31 47.4	280
Hub at Belleville	40 37 29.1	82 30 44.0	4,937
Near east border of quadrangle north along highways			
Ankenytown, n.-s. rd. crossing on B. & O. Ry.	40 31 57.5	82 30 19.9	.....
Ankenytown, 0.3 mi. n. of, cen. of T rd. east; on Greenville treaty line	40 32 15.1	82 30 21.9	1,799
Tps. 18 and 19 N., R. 18 W., cor. of secs. 3, 4, 33, and 34, Richland-Knox Co. line; crossroads	40 33 02.4	82 30 34.2	4,890
T. 19 N., R. 18 W., stone at cor. of secs. 27, 28, 33, and 34; T rd. n., at Walnut Hill schoolhouse	40 33 56.6	82 30 35.4	5,504
T. 19 N., R. 18 W., cor. of secs. 21, 22, 27, and 28; T road east	40 34 48.2	82 30 36.2	5,230
T. 19 N., R. 18 W., cor. of secs. 15, 16, 21, and 22	40 35 40.8	82 30 36.7	5,340
Belleville, 1.25 miles south of; center of forks	40 36 08.8	82 30 51.0	3,052
Belleville, at turn of concrete walk in front part of public school grounds; iron post stamped "**Prim. Trav. Sta. No. 56. Ohio, 1910**"	**40 37 05.2**	**82 30 32.7**	**5,884**
Belleville, hub at	40 37 29.1	82 30 44.0	2,597
Belleville, 1.25 miles north of; center of +roads.	40 38 29.0	82 30 42.2	6,080
Belleville, 2 miles north of; center of crossroads.	40 39 07.8	82 30 35.1	3,973
T. 20 N., R. 18 W., cor. of secs. 27, 28, 33, and 34	40 39 07.8	82 30 42.0	530
Belleville, 3.7 miles north of; center of T lane e.	40 40 33.2	82 30 42.1	8,661
T. 20 N., R. 18 W., corner of secs. 9, 10, 15, and 16; center of crossroads	40 41 44.8	82 30 42.4	7,250
Schoolhouse, center of T road west	40 42 36.6	82 30 43.6	5,261
T. 20 N., R. 18 W., point on line bet. secs. 3 & 4	40 43 19.4	82 30 45.1	4,350
Mansfield, water trough at west side of courthouse (on Crestline quad.)	40 45 28.0	82 30 51.4	13,050
Mansfield, crossing of Pennsylvania and Erie R. R. (on Crestline quad.)	40 46 05.79	82 30 45.24	3,867

Siam Quadrangle

Through center of quadrangle east along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
T. 2 N., R. 16 E., 860 ft. e. of cor. of secs. 14, 15, 22, and 23, 1 mi. e. of Republic, n. side of road; iron post stamped "**Prim. Trav. Sta. No 46. Ohio, 1910**"	**41 07 28.4**	**82 59 34.3**	.....

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	° ′ ″	° ′ ″	Feet
T. 2 N., R. 16 E., cor. of secs. 13, 14, 23, and 24; center of crossroads	41 07 28.2	82 58 35.2	4,520
T. 2. N., R. 16 E., e. cor. of secs. 13 and 24, 15 ft. north to crossroads	41 07 27.9	82 57 26.3	5,270
T. 2 N., R. 17 E., west corner of secs. 18 and 19.	41 07 28.2	82 57 26.3	35
T. 2 N., R. 17 E., cor. of secs. 17, 18, 19, and 20; center of crossroads at schoolhouse	41 07 28.1	82 56 17.9	5,230
T. 2 N., R. 17 E., cor. of secs. 16, 17, 20, and 21 .	41 07 27.5	82 55 08.9	5,280
T. 2 N., R. 17 E., cor. of secs. 15, 16, 21, and 22; cen. of crossroads at frame schoolhouse	41 07 27.4	82 53 59.6	5,300
T. 2 N., R. 17 E., cor. of secs. 14, 15, 22, and 23; T road north	41 07 26.9	82 52 49.4	5,370
Omar, 0.5 mi. e. of sta., at n. w. cor. of +rds., 20 ft. s. by 60 ft. e. to cen. of +roads, 10 ft. s. by 20 ft. e. to n. end of culv.; iron post stamped **"Prim. Trav. Sta. No. 47. Ohio, 1910"**	**41 07 26.7**	**82 51 34.8**	**5,705**
T. 2 N., Rs. 17 and 18 E., corner of secs. 13, 18, 19, and 24; cen. of T road south	41 07 25.8	82 50 30.5	4,920
Seneca-Huron county line, center of rd. at fence, line north-south	41 07 25.8	82 50 03.8	2,040
Seneca-Huron Co. line, 1 mi. e. of; cen. of +rds.	41 07 30.2	82 48 51.4	5,560
Norwich township, crossroads	41 07 27.9	82 47 06.7	8,005
Mud Run, center of bridge over	41 07 38.1	82 46 03.8	4,925

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 3 N., R. 16 E., cor. of secs. 3, 2, 11, and 10; crossroads.	41 14 29.4	82 59 40.2
T. 3 N., R. 16 E., cor. of secs. 10, 11, 14, and 15; crossroads	41 13 37.0	82 59 40.6
T. 3 N., R. 16 E., cor. of secs. 15, 14, 23, and 22; crossroads	41 12 44.7	82 59 41.4
T. 3 N., R. 16 E., cor. of secs. 22, 23, 26, & 27; +roads, schoolh.	41 11 51.4	82 59 42.2
T. 3 N., R. 16 E., cor. of secs. 27, 26, 35, and 34; crossroads	41 10 59.4	82 59 43.4
Tps. 2 and 3 N., R. 16 E., cor. of secs. 34, 35, 2, and 3; rd. east-west (jogs east 50 ft., then turns south)	41 10 08.1	82 59 46.4
T. 2 N., R. 16 E., cor. of secs. 3, 2, 11, and 10	41 09 12.8	82 59 44.9
T. 2 N., R. 16 E., cor. of secs 10, 11, 14, and 15; T rd. s.	41 08 20.4	82 59 45.5
T. 2 N., R. 16 E., cor. of secs. 15, 14, 23, and 22; crossroads	41 07 28.2	82 59 45.6
T. 2 N., R. 16 E., cor. of secs. 27, 26, 35, and 34; crossroads	41 05 43.5	82 59 45.6
Tps. 1 and 2 N., R. 16 E., cor. of secs. 34, 35, 2, & 3; +roads	41 04 51.3	82 59 45.6
T. 1 N., R. 16 E., cor. of secs. 3, 2, 11, and 10; T road east	41 03 57.9	82 59 45.9
T. 1 N., R. 16 E., cor. of secs. 10, 11, 14, and 15; crossroads	41 03 05.5	82 59 46.5
Bloomville, crossing on Penn. Ry., 290 feet east of switch block. *Azimuth of railroad, 308° 55′*	41 02 40.8	82 59 46.6
T. 1 N., R. 16 E., cor. of secs. 15, 14, 23, and 22; crossroads	41 02 13.3	82 59 46.8
T. 1 N., R. 16 E., cor. of secs. 22, 23, 26, and 27; crossroads	41 01 21.1	82 59 48.2
T. 1 N., R. 16 E., cor. of secs. 27, 26, 35, and 34; crossroads	41 00 28.9	82 59 47.8

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Near Centertown along Baltimore & Ohio R. R.

Centertown, road crossing just south of station.....	41 04 58.4	82 45 06.4
Milepost 26, 0.33 mi. n. of; priv. rd. crossing under trestle	41 06 03.4	82 45 28.8
Havana, 1.5 miles south of; east-west road crossing	41 06 52.9	82 45 23.9

Sidney Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Church, crossroads one-fifth mile north of.....	40 29 48.8	84 12 37.0
C. H. & D. Ry., at e.-w. rd. +ing; *Azimuth of ry., 175° 48′*	40 29 48.9	84 11 17.5
T. 6 S., R. 6 E., cor. of secs. 21, 22, 27, and 28; crossroads	40 29 49.3	84 09 51.5
T. 6 S., R. 6 E., cor. of secs. 22, 23, 26, and 27; T road s...	40 29 49.7	84 08 42.6
T. 6 S., R. 6 E., cor. of secs. 23, 24, 25, and 26; crossroads	40 29 50.6	84 07 34.2
T. 6 S., Rs. 6 and 7 E., cor. of secs. 19, 24, 25, & 30; T rd. e.	40 29 51.9	84 06 25.6
T. 6 S., R. 7 E., cor. of secs. 19, 20, 29, and 30; crossroads	40 29 51.6	84 05 17.1
T. 6 S., R. 7 E., cor. of secs. 20, 21, 28, and 29; cen. of rd.	40 29 51.7	84 04 08.3
T. 6 S., R. 7 E., cor. of secs. 21, 22, 27, and 28; cen. of rd.	40 29 51.7	84 02 59.8
T. 6 S., R. 7 E., cor. of secs. 22, 23, 26, and 27; T road n..	40 29 51.6	84 01 51.3
T. 6 S., R. 7 E., cor. of secs. 23, 24, 25, and 26; T road n..	40 29 51.5	84 00 42.9

Near west border of quadrangle along highways

Tps. 7 and 8 S., R. 5 E., cor. of secs. 1, 2, 35, and 36.....	40 22 49.0	84 14 24.3
Anna, 1 mi. s. and 2 mi. w. of, n. w. cor. of crossroads, 15 ft. n. and 25 ft. w. of cor. of secs. 1, 6, 31, and 36, Tps. 7 and 8 S., Rs. 5 and 6 E.; iron post stamped **"Prim. Trav. Sta. No. 28. Ohio, 1909"**.....	**40 22 49.9**	**84 13 15.9**
T. 7 S., Rs. 5 and 6 E., cor. of secs. 25, 30, 31, & 36; +roads	40 23 42.0	84 13 15.7
T. 7 S., Rs. 5 and 6 E., cor. of secs. 19, 24, 25, & 30; +roads	40 24 34.7	84 13 15.8
T. 7 S., Rs. 5 and 6 E., cor. of secs. 13, 18, 19, and 24; +roads	40 25 26.8	84 13 15.8
T. 7 S. Rs. 5 and 6 E., cor. of secs. 7, 12, 13, and 18; +roads	40 26 19.2	84 13 15.9
T. 7 S., Rs. 5 and 6 E., cor. of secs. 1, 6, 7, and 12; +roads.	40 27 11.7	84 13 15.9
Tps. 6 and 7 S. Rs. 5 & 6 E., cor. of secs. 1, 6, 31, & 36; T rd. s.	40 28 04.0	84 13 16.1
T. 6 S., Rs. 5 and 6 E., corner of secs. 25, 30, 31, and 36; Shelby-Auglaize county line.....	40 28 56.3	84 13 16.7
T. 6 S., R. 5 E., cor. of secs. 25, 26, 35, and 36; crossroads	40 28 55.3	84 14 25.8
T. 7 S., R. 5 E., north corner of secs. 1 and 2.....	40 28 03.1	84 14 24.5
T. 6 S., R. 5 E., south cor. of secs. 35 and 36; T road north	40 28 03.1	84 14 24.9
Greenville treaty line, T road north on.....	40 22 01.3	84 13 15.4
T. 8 N., R. 6 E., corner of secs. 3, 4, 9, and 10; crossroads.	40 20 43.6	84 12 31.8
T. 8 N., R. 6 E., corner of secs. 9, 10, 15, and 16; +roads.	40 19 51.3	84 12 30.4
T. 8 N., R. 6 E., cor. of secs. 21, 22, 27, and 28; crossroads	40 18 06.2	84 12 27.8

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T. 8 N., R. 6 E., corner of secs. 27, 28, 33, and 34; +roads	40 17 15.4	84 12 26.1
C. C. C. & St. L. Ry., north-south road crossing.....	40 16 23.6	84 12 25.0
Quar. cor. btwn. secs. 10 and 11, T. 7 N., R. 6 E., at T rd. w.	40 15 05.7	84 11 13.9

Through center of quadrangle east along highways

Tps. 7 and 8 S., R. 6 E., cor. of secs. 5, 6, 31, and 32, near schoolhouse No. 4, crossroad	40 22 49.9	84 12 06.4
T. 7 S., R. 6 E., s. cor. of secs. 32 and 33; fence n. at s. cor. of secs.	40 22 50.1	84 10 58.1
Tps. 7 and 8 S., R. 6 E., cor. of secs. 3, 4, 33, and 34; near schoolhouse No. 8.....	40 22 50.4	84 09 49.6
Tps. 7 and 8 S., R. 6 E., cor. of secs. 2, 3, 34, and 35.....	40 22 50.7	84 08 41.0
Tps. 7 and 8 S., R. 6 E., cor. secs. 1, 2, 35, and 36.....	40 22 51.0	84 07 32.6
Schoolhouse No. 5, 0.2 mile east of, crossroads	40 22 51.1	84 07 15.4
T. 7 S., Rs. 6 and 7 E., s. cor. of secs. 31 and 36; T rd. n.	40 22 51.4	84 06 24.0
Maplewood, 3.5 mi. w. of, in s. w. cor. of abut. to brdg. on Greenville treaty line, rd. at Louis Covault's house; alum. tab. stamped "Prim. Trav. Sta. No. 32. Ohio, 1909"....	40 22 53.6	84 05 15.4
T. 2 N., R. 7 E., cor. of secs. 26, 27, 34, and 35, near schoolhouse No. 9; T road east	40 22 32.4	84 04 31.8
T. 2 N., R. 7 E., cor. of secs. 25, 26, 35, and 36; crossroads	40 22 33.2	84 03 23.4
Maplewood, Main St. crossing on D. T. & I. Ry.....	40 22 34.4	84 01 26.8
T. 2 N., R. 8 E., cor. of secs. 29, 30, 31, and 32; crossroads	40 22 34.6	84 01 07.3
Shelby and Logan counties, stone boundary post between	40 22 34.9	84 00 15.6

South Charleston Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
New Moorefield, T road south.....	39 59 32.5	83 43 05.5
T. 5, R. 10, corner of secs. 9, 10, 15, and 16.....	39 59 36.3	83 44 01.5
New Moorefield station. *Azimuth of railroad 220° 41'*	39 59 17.0	83 42 57.4
C. C. C. & St. L. Ry., at e.-w. rd. crossing. *Azimuth of railroad 220° 41'*	39 59 31.1	83 42 41.5
Tps. 5 and 6, R. 10, cor. of secs. 3, 4, 33, and 34.....	39 59 27.6	83 41 41.2
Intersection of east-west road and road northwest.....	39 58 58.0	83 40 51.4
T road south.....	39 58 57.2	83 40 35.8
Bridge, west end of.....	39 59 27.1	83 39 18.0
Cemetery, T road east at.....	39 59 43.3	83 38 50.1
T. 6, R. 10, corner of secs. 15, 16, 21, and 22.....	39 59 15.4	83 38 18.4
Catawba, T road west about 1 mile south of.....	39 59 12.9	83 37 32.5
Catawba, T road northeast about 1.75 miles south of.....	39 58 38.8	83 37 20.5
Pleasant township schoolhouse, road southeast at.....	39 58 54.4	83 36 06.6
T road northwest.....	39 59 07.4	83 35 05.8

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T road southeast	39 59 18.0	83 34 15.6
Nation Chapel, Y road 0.25 mile northwest of	39 59 39.4	83 32 38.6
Clark and Madison counties, stone monument between	39 59 14.4	83 31 11.2
Near southwest corner of quadrangle north along highways		
Oakland schoolhouse, crossroads at	39 45 05.1	83 40 47.0
Gladstone, intersection of roads, 1 mile north of	39 45 17.7	83 41 15.7
Gladstone, T road west, about 1.75 miles north of	39 45 59.1	83 41 47.1
Greene-Clark county line, T road northeast, near	39 46 44.3	83 42 00.7
Selma, crossing of pikes at	39 47 11.7	83 42 31.7
Selma, Pennsylvania R. R. at street crossing	39 47 19.6	83 42 46.4
Selma, crossroads 0.75 mile northwest of	39 47 47.6	83 43 15.4
T road northeast	39 48 26.8	83 44 06.5
Pitchin, crossroads 2 miles southeast of	39 49 12.2	83 44 48.4
Through center of quadrangle west via C. C. C. & St. L. Ry.		
Gravel road crossing	39 53 16.4	83 30 01.0
Myers, road crossing 0.25 mile west of	39 53 25.3	83 31 45.3
Dirt road crossing	39 53 30.7	83 33 12.5
Gravel road and telephone road crossing	39 53 37.8	83 35 13.6
Plattsburg, pike crossing at	39 53 43.8	83 36 40.8
Gravel road and telephone road crossing	39 53 51.5	83 38 20.5
Brooks, road crossing at	39 54 02.0	83 40 35.0
Oxtobys, road crossing at	39 54 07.2	83 41 43.2
Pike and telephone road crossing	39 54 16.3	83 43 47.9
Overhead road crossing	39 54 22.2	83 44 40.0
Near east border of quadrangle south along highways		
Y road southeast	39 57 17.3	83 30 20.5
Covered bridge over N. Fork Deer Creek, center of	39 56 45.5	83 30 09.2
Summerford, T road south 0.5 mile west of	39 56 00.0	83 30 04.9
Tile factory, private road west at	39 54 59.5	83 30 27.3
T road west	39 54 26.0	83 30 28.8
State fishery, T road north at	39 53 45.5	83 30 32.5
Big 4 Rte., gravel rd. +ing on. *Azimuth of Ry., 276° 21′*	39 53 16.4	83 30 01.0
Near west border of quadrangle north along highways		
Big 4 Rte., overhead rd. +ing n. and s.	39 54 22.2	83 44 40.0
Reeds schoolhouse, crossroads at	39 54 45.4	83 44 33.4
T. 5, R. 9, near cor. of secs. 10, 11, 16, and 17	39 55 11.6	83 44 24.2
Crossing of old Colum.-Springfield rd. and Buck Cr. lane	39 56 17.9	83 43 48.4
Twp. line + ing on n.-s. rd. bet. secs. 7 and 12, T. 5, Rs. 9 & 10	39 56 55.2	83 43 44.7

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Big 4 Rte., at n. w.-s. e. rd. +ing, about 1.75 mi. s. w. of New Moorefield. *Azimuth of railroad 220° 40'*	39 58 25.9	83 43 54.3

Near northwest corner of quadrangle

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
T. 5, R. 10, stone at corner of secs. 9, 10, 15, & 16; T road north.....	39 59 36.4	83 44 01.6	.. ...
New Moorefield, in s. w. cor. of pub. school bldg.; alum. tab. stpd. **"Prim. Trav. Sta. No. 100. 1054, Ohio, 1910"**.....	**39 59 33.4**	**83 43 08.6**	**4,131**

Spencerville Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 3 S., R 3 E., south corner of secs. 35 and 36; Van Wert-Mercer county line.....	40 43 42.3	84 28 31.1
T. 4 S., R. 3 E., north corner of secs. 1 and 2; Van Wert-Mercer county line.....	40 43 42.3	84 28 31.5
T. 4 S., R. 3 E., corner of secs. 1, 2, 11, and 12, at Church of God; corner of crossroads.....	40 42 49.4	84 28 31.2
T. 4. S., R. 3 E., corner of secs. 12, 13, 11, and 14, 0.2 mi. east of Baptist Church; corner of crossroads.....	40 41 57.2	84 28 30 8
North-south road crossing on C. H. & D. Ry..... .	40 41 04.8	84 28 30.7
T. 4 S., R. 3 E., corner of secs. 13, 14, 23, and 24.....	40 41 04.6	84 28 30.7
T. 4 S., R. 3 E., cen. of sec. 24, near Dunkard Ch.; at +rds.	40 40 38.7	84 27 56.2
St. Marys River, center of steel bridge over.	40 39 53.9	84 27 56.1
T. 4 S., R. 3 E., cor. of secs. 25, 26, 35, and 36; T rd. south	40 39 19.9	84 28 30.5
T. 4 S., R. 3 E., s. cor. of secs. 35 and 36, near +roads...	40 38 27.5	84 28 30.4
T. 5 S., R. 3 E., n. cor. of secs. 1 and 2, near crossroads..	40 38 27.5	84 28 30.2
Elm Grove schoolhouse No. 10, n. w. cor. of +roads, 20 ft. w. and 20 ft. s. to cor. of secs. 1, 2, 11, and 12, T. 5 S., R. 3 E.; iron post stamped **"Prim. Trav. Sta. No. 3. Ohio, 1909"**.....	**40 37 35.2**	**84 28 29.8**
T. 5 S., R. 3 E., cor. of secs. 11, 12, 13, and 14; crossroads	40 36 42.5	84 28 30.0
T road east.....	40 35 49.9	84 28 29.7
T. 5 S., R. 3 E., quarter cor. bet. secs. 24 and 25; +roads.	40 34 57.4	84 27 54.9
T. 5 S., R. 3 E., quarter cor. bet. secs. 25 and 36; T rd. w.	40 34 04.8	84 27 54.8
Auglaize-Mercer county line; T road north.....	40 33 04.1	84 27 20.0
Pump factory, north-south road crossing L. E. & W. Ry..	40 32 32.4	84 24 56.4
Grand Reservoir Lock, west end of bridge over.....	40 31 18.1	84 25 18.2
T. 6 S., R. 4 E., cor. of secs. 16, 17, 20, and 21; crossroads	40 30 35.2	84 24 55.9

Near center of quadrangle east along highways

T. 5 S.. Rs. 3 and 4 E., corner of secs. 1, 6, 7, and 12, Auglazie-Mercer county line; crossroads	40 37 35.0	84 27 21.6

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T. 5 S., R. 4 E., cor. of secs. 5, 6, 7, and 8; crossroads.....	40 37 35.0	84 26 05.7
T. 5 S., R. 4 E., n. e. cor. of sec. 8, near ch. & schoolh. +rds.	40 37 35.2	84 24 56.7
T. 5 S., R. 4 E., corner of secs. 3, 4, 9, and 10; crossroads.	40 37 35.2	84 23 48.0
T. 5 S., R. 4 E., corner of secs. 2, 3, 10, and 11.....	40 37 35.5	84 22 39.2
T. 5 S., R. 4 E., cor. of secs. 1, 2, 11, and 12; T road n....	40 37 36.0	84 21 30.7
Tps. 4 and 5 S., Rs. 4 and 5 E., n. e. cor. of sec. 1, T rd. west	40 38 29.4	84 20 21.7
Kossuth, 0.8 mi. s. e. of, at s. w. cor. of intersec. of n. w.-s. e. pike with rd. s., on range line, 15 ft. e. and 10 ft. n. to center of intersection; iron post stamped "**Prim. Trav. Sta. No. 4. Ohio, 1909**".....	**40 38 53.8**	**84 20 22.0**
Pike at road south.....	40 38 21.1	84 19 22.2
Buckland, 1.2 mi. w. by 0.3 mi. n. of; crossroads.....	40 37 51.5	84 17 05.1
Buckland, 0.3 mi. north of; crossroads.....	40 37 50.7	84 15 38.0

Kemp to Elgin along highways

Kemp sta., 1 mi. w. and 0.33 mi. n. of, at n. w. cor. of +-rds., 15 ft. s. to T. 4 S., R. 5 E., cor. of secs. 1 and 2, 15 ft. s. and 30 ft. e. to T. 3 S., R. 5 E., cor. of secs. 35 and 36; iron post stpd. "**Prim. Trav. Sta. No. 1. Ohio, 1909**" (on Lima quad.)	° ′ ″ **40 43 46.0**	° ′ ″ **84 14 33.0**
Tps. 3 and 4 S., R. 5 E., n. e. cor. of sec. 3, cen. of +roads	40 43 45.5	84 15 41.6
T. 3 S., R. 5 E., stone at n. e. cor. of sec. 34, T road west..	40 44 37.6	84 15 42.1
T. 3 S., R. 5 E., cor. of secs. 27, 28, 33, & 34; cen. of +rds.	40 44 37.2	84 16 51.1
T. 3 S., R. 5 E., cor. of secs. 28, 29, 32, & 33; cen. of T rd. n.	40 44 36.6	84 18 00.0
District schoolhouse No. 2, T road w	40 44 10.3	84 18 53.3
C. H. & D. Ry., center of road crossing.....	40 44 10.0	84 20 21.9
Spencerville, 1.8 mi. n. of, n. w. cor. of +rds., 33 ft. e. & 20 ft. s. to T. 3 S., R. 4 W., quarter cor. between secs. 35 and 36, center of crossroads; iron post stamped "**Prim. Trav. Sta. No. 2. Ohio, 1909**".....	**40 44 09.9**	**84 21 32.4**
T. 3 S., R. 4 E., cen. of sec. 34; cen. of crossroads.....	40 44 09.5	84 23 15.4
T. 3 S., R. 4 E., corner of secs. 27, 28, 33, and 34; T road w., on Allen-Van Wert county line.....	40 44 35.7	84 23 49.4
T. 3 S., R. 4 E., cor. of secs. 28, 29, 32, & 33; cen. of +rds.	40 44 35.4	84 24 58.3
T. 3 S., R. 4 E., corner of secs. 29, 30, 31, and 32.....	40 44 35.1	84 26 07.4
T. 3 S., R. 3 E., e. cor. of secs 25 and 36; r. r. spk. in bridge	40 44 34.9	84 27 22.4
T. 3 S., R. 4 E., west corner of secs. 30 and 31.....	40 44 33.7	84 27 22.4
T. 3 S., R. 3 E., corner of secs. 25, 26, 35, and 36, at Elgin; center of crossroads at schoolhouse.....	40 44 34.2	84 28 31.5

Springdale (see Rectorville) Quadrangle

Springfield Quadrangle

Near Springfield along Cleveland, Cincinnati, Chicago & St. Louis Ry.

Stations	Latitude	Longitude
Detroit Southern Ry., crossing of.....	39 54 31.4	83 45 53.5

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Gravel road crossing	39 54 33.0	83 46 15.8
Detroit, Toledo & Ironton Ry., crossing on	39 54 37.4	83 46 33.5
Springfield, Limestone street-car line, crossing on	39 55 20.2	83 48 31.0
Springfield, national road crossing	39 55 35.3	83 50 32.3
Overhead road crossing	39 55 10.1	83 51 41.6

Durbin to milepost 376 via Erie R. R.

Durbin, milepost 369	39 54 42.5	83 53 21.7
Snyderville, road crossing	39 54 04.7	83 54 48.1
Enon, road crossing	39 53 22.6	83 56 08.6
Mileposts 375 and 376, road crossing halfway between	39 51 53.1	83 59 38.6

Near north border of quadrangle west along highways

T. 5, R. 10, cor. of secs. 15, 16, 21, and 22	39 59 39.9	83 45 10.1
T. 5, R. 10, cor. of secs. 21, 22, 27, and 28	39 59 44.0	83 46 20.6
Springfield and Urbana pike, T road east	39 59 50.1	83 48 02.8
T road east	39 58 57.7	83 48 26.9
Erie Ry. at east-west crossing, on long curve	39 58 27.9	83 48 44.1
Mad River, T road north, near	39 58 41.2	83 49 50.3
Blacksmith shop, crossroads at	39 58 38.7	83 50 31.2
T road north	39 58 57.3	83 51 22.1
Lawrenceville, intersection of roads in east part of	39 59 08.8	83 52 09.7
T. 4, R. 10, cor. of secs. 20, 21, 26, and 27	39 59 14.6	83 53 19.2
T. 4, R. 10, cor. of secs. 26, 27, 32, and 33	39 59 18.8	83 54 28.2
Northampton, 1 mile east of, road southeast	39 59 22.0	83 55 21.4
Northampton, crossroads at	39 59 25.5	83 56 23.9
T. 3, R. 10, cor. of secs. 8, 9, 14, and 15	39 59 30.5	83 57 46.6
T. 3, R. 10, cor. of secs. 14, 15, 20, and 21	39 59 34.3	83 58 54.7
T. 3, R. 10, quarter cor. between secs. 20 and 21	39 59 36.2	83 59 28.8

Near west border of quadrangle south along highways

T road south	39 58 42.7	83 59 01.8
Liberty schoolhouse, 400 ft. south of, T road east	39 57 45.4	83 59 05.5
Liberty Church, 0.5 mile west of, T road south	39 57 26.7	83 59 42.1
New Carlisle, 1.5 miles east of, T road north	39 55 52.9	83 59 50.0
Mad River, T road northeast at	39 52 33.3	83 59 42.2
Erie Ry., at n.-s. rd. +ing. *Azimuth of railroad, 241° 18'*	39 51 53.1	83 59 38.6
T. 3, R. 8, cor. of secs. 16, 17, 22, and 23	39 50 49.6	83 59 45.2
T. 3, R. 8, cor. of secs. 15, 16, 21, and 22	39 49 56.0	83 59 51.2
T. 3, R. 8, cor. of secs. 14, 15, 20, and 21	39 49 04.6	83 59 57.6
Crossing of Xenia pike and north-south road	39 48 42.8	83 58 51.6
T. 3, R. 8, cor. of secs. 7, 8, 13, and 14	39 48 07.2	83 58 54.7

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Byron, road north at	39 47 08.5	83 59 01.0
Byron, 1.5 miles south and 0.5 mile w. of, T road n	39 46 03.4	83 59 36.3
Bryon, 2.5 mi. s. of, T rd. e., T. 3, R. 7, quar. cor. between secs. 10 and 16	39 45 05.5	83 59 15.2
Bryon, 2.5 mi. s. of, w. side of n.-s. rd. opposite T rd. e., near quar. sec. cor; iron post stamped **"Prim. Trav. Sta. No. 44. Ohio, 1909"**	**39 45 05.4**	**83 59 15.35**
T. 3, R. 7, quar. cor. between secs. 4 and 10	39 45 00.9	83 58 04.4

Near east border of quadrangle north along highways

Pitchin, crossroads at	39 50 34.5	83 45 45.9
Pitchin, about 1 mi. n. w. of; road w.,	39 51 24.7	83 46 26.8
Crossing of Springfield-Selma pike and east-west road	39 52 15.8	83 46 43.9
Crossroads	39 52 38.0	83 45 53.9
Calvary Cemetery, T road west	39 53 02.2	83 45 16.9
T. 5, R. 9, quar. cor. between secs. 14 and 15	39 53 28.4	83 45 14.1
Locust Grove Church, road east	39 53 35.9	83 45 01.4

Near south border of quadrangle east along highways

T road southeast	39 45 27.2	83 53 52.2
Clifton-Xenia and Yellow Springs-Cedarville pikes, +ing of	39 46 30.6	83 52 04.4
Cory schoolhouse, ½ mi. s. e. of; T rd. n. w	39 45 30.1	83 51 36.1
Cedarville, about 2.5 mi. n. w. of; T road s. e	39 45 46.6	83 50 45.8
Cedarville, 1 mi n. w. of; T road northeast	39 45 02.9	83 49 28.2

Swanton Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Seward, 2 mi. east and 0.5 mi. n. of, at +ing of twp. line rd. and Lyons-Metamora rd., in n. w. cor. of field of Adam Math; iron post stamped **"Prim. Trav. Sta. No. 25, 1905"**	**41 42 33.7**	**83 59 53.2**
Whiteville, +rds., 20 ft. s. w. to E. J. Smith's mail box, 36 ft. n. to rd. +ing on T. & W. electric Ry	41 42 40.3	83 58 34.9
Whiteville, T rd. n. 1 mi. e. of, 27 ft. n. to rd. +ing on T. & W. electric Ry., 24 ft. east to Peter Myer's mail box	41 42 45.5	83 57 25.9
Whiteville, T rd. n. 2 mi. e. of, at stop 27, 39 ft. n. to road crossing on electric railroad	41 42 51.0	83 56 15.4
Ohio-Michigan State line at north-south road	41 43 05.9	83 56 16.0
Metamora, center of bridge over creek	41 42 41.2	83 54 38.0
Treadway, south part of schoolhouse yard at county line; n. rail of electric Ry. at switch block bears S. 49° 30′ E., dist. 126 ft.; s. e. cor. of schoolhse. bears N. 0° 15′ E., dist. 78 ft.; iron post stamped **"Prim. Trav. Sta. No. 26, 1905"**	**41 42 42.6**	**83 52 48.3**
Berkey, 1 mi. w. of, +roads at stop 55, 33 ft. w. to mail box, 30 ft. s. w. to s. end of culvert	41 43 01.5	83 51 31.9

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Berkey, +roads, 33 ft. s. e. to +ing on T. & W. Elec. Ry.	41 42 54.2	83 50 21.9
Berkey, crossing of n.-s. rd. and electric Ry., 1 mi. e. of..	41 42 48.5	83 49 11.9
Berkey, T road north 2 miles east of	41 42 55.7	83 48 05.6
Ohio-Michigan State line.....	41 43 19.8	83 48 06.6
T. 9 S., R. 5 E., sec. 11, n. e. part of, 0.25 mi. w. of elec. Ry. junc., in n. e. cor. of field owned by John S. Clark, at T rd. s.; iron post stpd. **"Prim. Trav. Sta. No. 27, 1905"**	**41 42 56.3**	**83 47 11.7**
T. 9 S., R. 5 E., n. e. cor. of sec. 14, 0.25 mi. w. of, mail box of Kate R. Van Norman and Paul Talor; + roads	41 42 05.8	83 47 09.2
Near east border of quadrangle south along highways		
T. 9 S., R. 5 E., cor. of secs. 13, 14, 23, and 24; crossrds., 0.25 mi. w. of, 19 ft. n. e. to John G. Taylor's mail box, 18 feet north to east end of small bridge..... ..	° ′ ″ 41 41 12.4	° ′ ″ 83 47 07.9
T. 9 S., R. 5 E., cor. of secs. 23, 24, 25, and 26; T rd. n. 0.25 mi. w. of, 30 ft. n. to C. Lochrihler's mail box, 27 ft. n. e. to e. end of stone culvert.....	41 40 22.7	83 47 05.4
T. 9 N., R. 5 E., ¼ mi. e. of, cor. of secs. 22, 23, 26, and 27; T rd. s., 24 ft. n. e. to cross on tel. pole, 21 ft. northwest to west end of stone culvert	41 40 22.5	83 47 42.9
T. 9 S., R. 5 E., cor. of secs. 21, 22, 27, and 28, 33 ft. s. w. to + on tel. pole, 38 ft. s. e. to cor. fence post; T rd. s.	41 40 21.7	83 49 07.3
T. 9 S., R. 5 E., cor. of secs. 27, 28, 33, and 34; +roads, 21 ft. w. to cen. of brdg., 36 ft. n. e. to s. w. cor. of pool hall	41 39 27.4	83 49 05.6
T. 9 S., R. 5 E., s. cor. of secs. 33 and 34; stone at T rd. n.	41 38 35.9	83 49 03.9
T. 10 S., R. 5 E., cor. of secs. 3, 4, 9, and 10; 32 ft. n. w. cross on tel. pole., 31 ft. s. e. to J. K. Barnes's mail box.	41 37 45.2	83 49 02.3
T rd. n. at Oak Grove schoolhouse, 18 ft. n. e. to J. R. Bower's mail box, 36 feet northwest to arrow on post.....	41 37 00.9	83 49 00.6
Holland, 4 mi. w. of, 0.33 mi. s. of L. S. & M. S. Ry., at +rds.; iron post stamped **"Prim. Trav. Sta. No. 28, 1905"**	**41 36 01.0**	**83 47 34.8**
T. 7 N., R. 9 E., secs. 11 and 12, quarter corner between, T rd. e.; stone at intersection of road..	41 34 55.0	83 47 10.5
T. 7 N., R. 9 E., e. cor. of secs. 14 and 23; T rd. w., 21 feet n. w. to n. e. cor. of stone culv., 23 ft. s. w. to s. e. cor. of same culvert.....	41 33 36.8	83 47 09.8
T. 7 N., R. 9 E., cor. of secs. 23, 24, 25, and 26; +roads at schoolhouse, 25 ft. n. e. to mail box on post, 33 ft. n. w. to maple tree at corner of fence	41 32 44.0	83 47 09.4
T. 7 N., R. 9 E., s. cor. of secs. 35 and 36, stone to; T rd. n.	41 30 59.4	83 47 09.2
West along Lake Shore & Michigan Southern Ry.		
Milepost 12, east-west road crossing west of	41 36 35.3	83 45 22.6
Mileposts 12 and 13, north-south road crossing between..	41 36 32.4	83 45 40.3
Mileposts 13 and 14, east-west road crossing between...	41 36 24.2	83 46 31.4
Mileposts 14 and 15, east-west road crossing between....	41 36 11.7	83 47 49.6
Mileposts 16 and 17, north-south road crossing between.	41 35 55.9	83 49 27.6
Mileposts 17 and 18, north-south road crossing between.	41 35 44.4	83 50 39.1
Mileposts 18 and 19, north-south road crossing between.	41 35 33.3	83 51 47.7

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Mileposts 18 and 19, north-south road crossing between.	41 35 22 3	83 52 55.9
Swanton station	41 35 18.1	83 53 22.0
Swanton, Main Street crossing	41 35 17.5	83 53 25.9
Mileposts 20 and 21, north-south road crossing between..	41 35 11.0	83 54 05.6
Mileposts 20 and 21, n. w.-s. e. road crossing between....	41 35 03.3	83 54 53.5
Mileposts 21 and 22, north-south road crossing between.	41 34 59.7	83 55 15.6
Mileposts 22 and 23, north-south road crossing between.	41 34 48.2	83 56 26.9
Mileposts 23 and 24, north-south road crossing between.	41 34 31.3	83 58 11.0
Mileposts 24 and 25, east-west road crossing between....	41 34 25.2	83 58 48.3
Delta station	41 34 14.8	83 59 52.9
Delta, road crossing west of	41 34 14.5	83 59 54.8

Near west border of quadrangle north along highways

Tps. 6 and 7 N., R. 7 E., quar. cor. between secs. 1 and 36 (on Wauseon quadrangle)	41 30 55.6	84 00 30.1
Tps. 7 and 8 N., Rs. 7 and 8 E., cor. of secs. 1, 6, 31, & 36	41 36 10.1	83 59 54.1
Tps. 9 & 10 S., Rs. 3 and 4 E., cor. of secs. 1, 6, 31, and 36	41 38 30.9	83 59 45.2
T. 9 S., Rs. 3 and 4 E., corner of sections 24, 19, 30 and 25	41 40 13.8	83 59 48.6
T. 9 S., Rs. 3 and 4 E., corner of sections 7, 18, 13, and 12	41 41 57.2	83 59 52.5
T. 9 S., Rs. 3 and 4 E., corner of sections 1, 6, 7, and 12.	41 42 49.8	83 59 54.0

Sycamore Quadrangle

Near west border of quadrangle north along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Roads, northwest, southeast and east	40 46 28.5	83 14 28.6
T. 3 S., R. 14 E., quarter corner between secs. 11 and 14	40 47 21.6	83 13 03.3
T. 3 S., R. 14 E., corner of sections 2, 3, 10, and 11	40 48 13.8	83 13 38.9
Tps. 2 and 3 S., R. 14 E., corner of sections 3, 4, 33, & 34	40 49 06.2	83 14 47.2
Roads, east, west, and northeast	40 54 02.0	83 14 47.4
Sandusky River, bridge over	40 55 41.8	83 14 44.7
T. 1 S., R. 14 E., corner of sections 15, 16, 21, and 22	40 56 57.9	83 14 49.5
T. 1 S.. R. 14 E., corner of sections 9, 10, 15, and 16	40 57 49.9	83 14 49.8

Near east border of quadrangle south along highwavs

Broken Sword, crossroads at Tps. 1 and 2 S., R. 16 E., cor. of sections 33, 34, 3, and 4	40 54 23.3	83 00 59.4
T. 2 S., R. 16 E., cor. of sections 3, 4, 10, & 9; crossroads	40 53 30.4	83 00 59.9
Bucyrus, 5 mi. n. by 2 mi. w. of, 2 mi. s. of Broken Sword, northwest cor. of + roads, 20 ft. s. by 30 ft. e. to cor. of secs. 9, 10, 15, & 16, T. 2 S., R. 16 E.; iron post stamped **"Prim. Trav. Sta. No. 53. Ohio, 1910"**	**40 52 38.4**	**83 01 00.3**
T. 2 S., R. 16 E., corner of sections 9, 10, 15, & 16; T rd. n.	40 52 38.2	83 00 59.9

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T. 2 S., R. 16 E., corner of sections 16, 15, 22, & 21, T road south; schoolhouse	40 51 46.1	83 00 59.8
T. & O. C. Ry. rd. +ing. *Azimuth of railroad, 126° 32'*	40 50 49.8	83 00 59.5
T. 2 S., R. 16 E., south corner of sections 33 and 34	40 49 08.5	83 00 59.4
Bucyrus, Penna. Ry. crossing, 2 mi. w. of. *Azimuth of railroad, 273° 52'*	40 48 41.4	83 01 03.2
T. 3 S., R. 16 E., cor. of sections 4, 3, 10, and 9; road e.-w.	40 48 16.3	83 01 02.5

Thornville Quadrangle

Milepost 28 to Chalfants via Baltimore & Ohio Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Milepost 28, 2,000 ft. n. of; private road crossing	39 45 47.3	82 18 55.7
Wellan station, east-west road crossing	39 46 34.8	82 18 42.5
Road crossing under trestle	39 47 27.2	82 18 20.6
Somerset, 0.5 mile south of station; overhead crossing	39 48 18.8	82 17 51.7
Brick plant, switch block to spur	39 49 25.0	82 17 19.4
Milepost 22, 495 ft. north of; east-west road crossing	39 50 17.6	82 16 43.2
Milepost 21, 440 ft. north of; road crossing	39 51 08.6	82 16 48.0
Chalfants station, e.-w. rd. +ing in s. w. cor. of field of N. S. Axline, cen. of rd. +ing bears S. 60° 15′ W., dist. 33 ft.; iron post stamped "**Prim Trav. Sta. No. 52, 1905**"	39 52 08.7	82 17 11.0
Near Glassrock along Zanesville & Western Ry.		
Glassrock station, north-south road crossing railroad	39 52 36.7	82 17 22.0
Milepost 21, 0.5 mile east of; crossing of north-south road	39 52 34.7	82 16 06.8
Glassrock sta., 2 mi. e. of, railroad bridge over Jonathan Creek; north-south road crossing, 800 ft. east of	39 52 39.8	82 15 06.9
Near east border of quadrangle north along highways		
Top of hill T road east; G. Hartsough's mail box	39 53 57.9	82 15 16.8
T. 18 N., R. 16 W., s. cor. of secs. 13 and 14 on Licking-Perry Co. line; rail fence west along n. edge of woods, 19 ft. w. to cross on fence post	39 54 50.5	82 15 12.8
Brownsville, 1 mi. s. of +roads; cross on cor. fence post	39 55 44.8	82 15 43.2
Brownsville, Davy Hotel, just w. of; T rd. n., 35 ft. n. w. to guidepost, 39 ft. s. e. to cross on teleg. pole	39 56 49.6	82 15 28.1
Brownsville, 3 mi. n. of, at Clark's blacksmith shop, +rds.; guidepost	39 59 21.2	82 15 48.8
Near Hebron along Toledo & Ohio Central Ry.		
Milepost 13, private rd. +ing north of; (Newark quad.)	40 00 38.5	82 28 38.8
Trestle No. 1364, over n. e. s. w. gravel rd.; cen. of	39 59 27.9	82 28 48.9
Hebron, crossing of T. & O. Cen. Ry. and O. Electric Ry.	39 57 41.2	82 29 34.1

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Near south border of quadrangle east along highways

Baptist Corners, 1 mi. e. of; cen. of bridge at crossroads	39 46 31.1	82 29 20.4
West Rushville, +roads, 46 ft. s. w. to n. e. cor. of Dilger Bros.' store, 63 ft. s. e. to John Dilger's store	39 45 48.9	82 26 51.8
Rushville, +roads at Rushville Hotel; cen. of intersection	39 45 52.6	82 25 54.5
Rushville, 1.1 mi. e. of; T rd. n., 27 ft. n.w. to cross on fence post, 27 ft. s. w. to cross on telegraph pole	39 46 01.2	82 24 41.3
Perry-Fairfield county line, T road south	39 46 06.4	82 24 06.9
Rushville, 2.5 mi. e. of, 2 mi. n. of Avlon, at +roads, in s. e. cor. of John Love's farm; s. w. cor. of Thos. Griffin's res. bears N. 59° E., dist. 45.6 ft.; iron post stamped **"Prim. Trav. Sta. No. 51, 1905"**	**39 46 06.6**	**82 22 57.9**
Ottoman, United Brethren Church, 0.25 mi. s. of; +roads, 10 ft. w. to cross on cor. fence post, 24 ft. to cross on cor. post in wire fence	39 46 09.9	82 21 47.4
Top of hill, T rd. e., 15 ft. s. e. to Henry Brehm's mail box	39 45 50.1	82 21 06.8
Shoal House, T rd. w., 12 ft. e. to cross on small locust tree, 32 ft. n. w. to s. e. cor. of coal shed	39 45 21.4	82 20 34.8

Thurston Quadrangle

Summit to Outville via Pittsburg, Cincinnati, Chicago & St. Louis Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Summit, road crossing at station; north track (on East Columbus quad,)	39 59 52.6	82 45 07.5
Summit, 1 mi. e. of sta.; n. track at n.-s. rd. crossing	39 59 50.7	82 43 45.4
Summit, 2 mi. e. of sta.; n. track at e.-w. rd. crossing	39 59 49.3	82 42 43.4
Columbia Center, north-south road crossing	39 59 48.0	82 41 49.6
Pataskala, street crossing east of station	39 59 46.2	82 40 31.1
Pataskala, 1.5 mi. e. of, at rd. +ing on Pennsylvania Ry., in s. e. cor of field of Edward Condit, n. rail of n. track, road +ing bears S. 20° 30′ E., dist. 60 ft.; iron post stamped **"Prim. Trav. Sta. No. 35, 1905"**	**39 59 44.2**	**82 38 41.5**
Pataskala, 2.5 miles east of, s. track at road crossing	39 59 41.9	82 37 32.6
Outville, north-south road crossing	39 59 39.6	82 35 48.4
Outville, 1 mile e. of; north track at n.-s. road crossing	39 59 44.0	82 34 40.4

Milepost 8 to Pleasantville via Toledo & Ohio Central Ry.

Milepost 8, center of track opposite	39 56 49.4	82 30 36.6
Licking-Fairfield county line, east-west road crossing	39 55 38.6	82 31 15.1
Millersport, 1 mile north of, water tank; center of track	39 54 42.6	82 31 43.7
Millersport, near bridge, in s. part of lot owned by Pence & Swisher, 47 ft. due w. to e. rail, cross on cor. of bridge abut. bears S. 54° 45′ W., dist. 54.7 ft.; iron post stamped **"Prim. Trav. Sta. No. 46, 1905"**	**39 53 57.7**	**82 32 12.9**
Millersport, 2 mi. s. of; e.-w. gravel road crossing	39 52 10.2	82 32 32.8
Thurston, crossing of Z. & W., and T. & O. C. railways	39 50 48.2	82 32 39.7

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Thurston, 1.2 miles s. e. of; cen. of track at e.-w rd. +ing	39 49 28.3	82 31 45.9
Thurston, 1.2 mi. s. e. of, T. 16 S., R. 18 W., cor. of secs. 27, 28, 33, and 34, 610 ft. w. of e.-w. road crossing	39 49 28.3	82 31 53.8
Pleasantville, township line; road crossing	39 48 33.2	82 31 02.4

Pleasantville to point 5 miles west of Zinc schoolhouse along highways

	° ′ ″	° ′ ″
Pleasantville, 1.33 mi. s. e. of; +roads at schoolhouse, 33 ft. n. e. to + on teleg. pole, 38 ft. n. w. to + on corner fence post	39 47 51.7	82 30 23.5
Schoolhouse, 1 mile s. of, T road e., 24 ft. n. e. to granite bowlder, 39 ft. s. e. to locust tree	39 46 55.8	82 30 28.8
Pleasantville, 2.5 mi. s. and 0.5 mi. e. of, in s. e. corner of Baptist schoolhouse yard, pump bears W., dist. 11 ft.; s. e. cor. of schoolhouse bears N. 44° 20′ W., dist. 25.7 feet; iron post stamped **"Prim. Trav. Sta. No. 47, 1905"**	**39 46 22.1**	**82 30 22.5**
Bridge over creek, 700 ft. e. of; T road s., just e. of J. G. Mertz's mail box	39 45 57.2	82 31 44.8
T. 15 S., R. 18 W., secs. 16, 17, 20, & 21, cor. stone; T rd. n.	39 46 01.5	82 33 31.2
Lancaster, 3.5 mi. n. of, Friesner's nursery; +roads, 30 ft. n. w. to cross on telegraph pole	39 46 04.0	82 34 37.8
Zinc schoolhouse, +rds., 19 ft. s. to large elm tree	39 45 09.2	82 35 01.1
T. 14 N., R. 20 W., n. e. cor. of sec. 25; T road west	39 45 34.2	82 42 43.6
Gravel pit, +roads, 33 ft. n. e. to cross on board fence, 34 ft. n. w. to cross on corner fence post	39 46 24.3	82 42 15.4

Along Hocking Valley Ry.

Carroll sta., 0.5 mi. s. e. of; n.-s. rd. +ing on railroad	39 47 33.8	82 42 09.7
Carroll station, crossing on east-west road	39 48 00.6	82 42 35.6
Little Walnut Creek, 0.25 mi. s. of; +ing on e.-w. road	39 49 06.6	82 43 04.2
Sherman schoolhouse, 1 mi. s. of; crossing on n.-s. road	39 49 45.2	82 43 30.5

Sherman to district 10 schoolhouse along highways

Sherman schoolhouse, +roads, 35 ft. s. w. to walnut tree, 23 ft. s. e. to cross on telegraph pole	39 50 27.3	82 43 27.2
Sherman schoolhouse, 1 mi. n. of; +rds., 30 ft. n. e. to mail box, 26 ft. s. e. to cross on fence post	39 51 20.6	82 43 22.6
T. 15 N., R. 20 W., corner of secs. 13, 14, 23, and 24	39 51 47.4	82 43 20.4
T. 15 N., R. 20 W., cor. of secs. 11, 12, 13, & 14; +rds., 24 ft. s. w. to mail box on fence post, 24 ft. n. w. to cross on telegraph pole	39 52 39.4	82 43 16.1
T. 15 N., R. 20 W., n. w. cor. of sec. 12, at T rd. s., in n. w. cor. Wm. Hay's pasture; nail in root of small cherry tree bears S. 6° E., distant 13.4 ft.; iron post stamped **"Prim. Trav. Sta. 50, 1905"**	**39 53 32.6**	**82 43 11.4**
Violet Chapel, 0.25 mi. n. of; forks of rd., 19 ft. n. w. to + on gatepost, 21 ft. s. e. to + on large fence post	39 54 36.8	82 43 42.4
Violet Chapel, 1.5 mi. n. of; stone at crossroads	39 55 46.7	82 43 35.9
Wagram, 1 mi. s. of; +roads, 23 ft. s. e. to cor. of rail fence, 24 ft. n. e. to bowlder at end of hedge fence	39 56 40.6	82 43 51.3

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Wagram, at P. O., crossing of n.-s. rd. and Ohio Elec. Ry.	39 57 24.6	82 43 50.1
Wagram, 1.25 mi. w. of; T rd. n., 24 ft. n. e. to + on board fence, 40 ft. n. w. to guidepost (on East Columbus quad.)	39 57 23.4	82 45 11.1
Schoolhouse, district 10, T road s., Philip Krunnas's mail box (on East Columbus quad.)	39 58 31.3	82 45 05.4

Tiffin Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Bettsville, crossing on Pennsylvania R. R.	41 14 41.3	83 14 13.2
Crossroads at section corner	41 13 28.9	83 14 42.4
T. 3 N., R. 14 E., corner of secs. 15, 16, 21, and 22	41 12 36.7	83 14 41.0
T. 3 N., R. 14 E., corner of secs. 27, 28, 33, and 34	41 10 51.7	83 14 46.2
Tps. 2 and 3 N., R. 14 E., corner of secs. 3, 4, 33, and 34	41 09 59.6	83 14 49.4
T. 2 N., R. 14 E., corner of secs. 9, 10, 15, and 16	41 08 17.0	83 14 50.6
T. 2 N., R. 14 E., corner of secs. 15, 16, 21, and 22	41 07 24.4	83 14 50.4
T. 2 N., R. 14 E., corner of secs. 27, 28, 33, and 34	41 05 39.5	83 14 51.6
Tps. 1 and 2 N., R. 14 E., corner of secs.; 3, 4, 33, and 34	41 04 47.5	83 14 51.6
Roads north, south, east, and west	41 02 36.8	83 14 51.0

Toledo Quadrangle

Near Toledo

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Toledo, St. Mary's Church spire, located by U. S. L. Surv.	41 39 32.85	83 32 02.9
Toledo, Park, U. S. Lake Survey station	41 39 57.78	83 30 36.43
Summit Avenue, crossing on W. & L. E. Ry. (on Maumee Bay quad.)	41 40 41.8	83 29 49.0
Michigan and Ash Streets, corner of	41 40 04.8	83 30 59.4
Crossing of T. St. L. & K. C. and Wabash railroads	41 37 18.0	83 34 47.4
Crossing of T. St. L. & K. C. Ry. and e.-w. rd.	41 36 44.3	83 35 36.4
Crossing of Michigan Central and L. S. & M. S. railroads	41 38 20.9	83 34 24.8
Long Bridge, east end of truss	41 37 53.2	83 32 20.8
Fassett Street, crossing on	41 37 43.8	83 31 40.5

Toledo to Mich.-Ohio State line via Lake Shore & Michigan Southern Ry.

Bancroft Street, Michigan Central R. R. crossing	41 39 48.9	83 34 21.6
Bancroft Street, L. S. & M. S. Ry. crossing	41 39 48.7	83 34 37.4
Ottawa Park, forks of road at southwest corner of	41 39 47.2	83 36 28.0
Central Avenue, crossing on	41 40 36.0	83 40 16.7
Sylvania, e.-w. road crossing, 400 ft. w. of	41 42 30.8	83 42 05.8

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State line, crossing at	41 43 30.8	83 42 33.9
State line, crossing 1 mi. n. (in Michigan)	41 44 21.2	83 43 26.2
Near northeast part of quadrangle		
West Toledo station	41 41 25.7	83 33 23.7
L. S. & M. S. Ry., crossing of pike	41 41 59.9	83 32 54.2
State line, crossing of L. S. & M. S. Ry.	41 43 52.3	83 31 17.4
Schoolhouse, crossing at (in Michigan)	41 44 23.6	83 30 50.4
Toledo to Waterville station via T. St. L. & W. Ry.		
Crossing of M. C. and T. St. L. & K. C. railroads	41 37 34.4	83 34 23.6
Crossing, 2 mi. s. w. of last crossing	41 36 16.7	83 35 51.8
Maumee, crossing 320 ft. northeast of station	41 33 56.5	83 39 19.5
Waterville, crossing 2½ miles north	41 32 11.3	83 42 35.4
Waterville station, first crossing south	41 30 01.3	83 43 30.1
Toledo to milepost 12, via Lake Shore & Michigan Southern Ry.		
Toledo, crossing of M. C. and T. St. L. & W. Rys	41 37 33.5	83 34 23.2
Mileposts 4 and 5, north-south road crossing between	41 38 01.4	83 36 23.6
Mileposts 5 and 6, north-south road crossing between	41 37 50.4	83 37 32.6
Mileposts 6 and 7, north-south road crossing between	41 37 39.3	83 38 42.4
Mileposts 7 and 8, north-south road crossing between	41 37 28.2	83 39 52.0
Milepost 8, one-fourth mile east of; east-west road +ing	41 37 24.7	83 40 13.4
Mileposts 8 and 9, north-south road crossing between	41 37 17.0	83 41 01.8
Holland, north-south road crossing ⅓ mile east of	41 37 05.9	83 42 11.3
Holland station	41 37 00.8	83 42 43.2
Holland, road crossing west end of	41 37 00.2	83 42 47.1
Mileposts 11 and 12, north-south road crossing between	41 36 46.3	83 44 14.0
At Lime City on Toledo & Ohio Central Ry.		
Lime City, crossing of telephone line road	41 32 06.2	83 34 01.8

Troy (Piqua) Quadrangle

Near north border of quadrangle west along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
T. 3, R. 13, w. cor. of secs., 31 and 32; T rd. on Champaign-Shelby Co. line	40 14 39.7	84 01 02.3
T. 2, R. 13, e. cor. of secs. 1 and 2, Champaign-Shelby Co. line	40 14 32.0	84 01 03.0
Tawawa, 0.5 mi. n. by 0.5 mi. w. of; T rd. n., 40 ft. n. of J. H. Loudenback's mail box	40 14 35.6	84 02 11.6
T. 2, R. 13, cor. of secs. 7, 8, 13, and 14; crossroads	40 14 39.2	84 03 22.2
T. 2, R. 13, cor. of secs. 13, 14, 19, and 20; T road south	40 14 43.6	84 04 30.6

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T. 2, R. 13, cor of secs. 19, 20, 25, and 26	40 14 48.6	84 05 39.6
Sidney, 3.5 mi. e. and 1.8 mi. s. of, 25 ft. n. and 20 ft. e. of T rd. n.; iron post stpd. "Prim. Trav. Sta. No. 36. Ohio, 1909"	**40 14 49.7**	**84 05 51.7**
T. 2, R. 13, cor. of secs. 25, 26, 31, and 32; crossroads	40 14 52.4	84 06 38.3
Tps. 1 and 2, R. 13, cor. of secs. 1, 2, 31, and 32; T rd. s.	40 14 57.9	84 07 48.6
T. 1, Rs. 12 and 13, cor. of secs. 1, 6, 7, and 12	40 14 09.3	84 09 03.3
T road west of schoolhouse	40 13 50.1	84 09 39.6
T road east	40 14 07.0	84 11 22.7
Sidney, 3 mi. s. of; cen. of bridge over Miami River	40 14 38.7	84 10 58.4
Shelby co. infirmary, 0.2 mi. s. w. of, 20 ft. e. and 10 ft. s. of +rds.; iron post stpd. "Prim. Trav. Sta. No. 29. Ohio, 1909"	**40 14 52.9**	**84 12 22.4**
T. 7 N., R. 6 E., quarter cor. between secs. 16 and 17; T rd. w.	40 14 11.6	84 13 30.6
T. 7 N., R. 6 E., quarter cor. between secs. 17 and 18; T rd. n.	40 14 10.0	84 14 33.5

Near west border of quadrangle south along highways

T. 1, R. 12, cor. of secs. 16, 17, 22, and 23; T rd. w.	40 12 31.3	84 11 29.8
T. 1, R. 12, n. cor. of secs. 15, and 21; Miami-Shelby Co. line	40 11 39.3	84 11 34.9
T. 1, R. 12, cor. of secs. 14, 15, 20, and 21; crossroads	40 10 46.9	84 11 40.5
T. 1, R. 12, cor. of secs. 13, 14, 19, and 20; T rd. e.	40 09 53.0	84 11 45.6
Piqua, 2 mi. e. of, at n. e. cor. of T rd. n. near schoolhouse No. 7, 20 ft. s. and 20 ft. w. to s. cor of secs. 13 and 19, T. 1, R. 12; iron post stpd. "Prim. Trav. Sta. No. 37. Ohio, 1909"	**40 09 00.5**	**84 11 50.8**
T. 1, R. 11, cor. of secs. 17, 18, 23, and 24, near schoolhouse No. 1; crossroads	40 08 07.8	84 11 51.9
T. 1, R. 11, cor. of secs. 16, 17, 22, and 23; crossroads	40 07 15.8	84 11 55.6
T. 1, R. 11, cor. of secs. 15, 16, 21, and 22; crossroads	40 06 24.1	84 12 00.1
T. 1, R. 11, cor. of secs. 21, 22, 27, and 28; near crossroads	40 06 27.3	84 13 08.5
Covered bridge crossing e.-w. road and electric railway	40 06 28.2	84 13 55.1
Milestone marked "P, 4, T. 3," on west side of pike	40 05 12.7	84 13 23.1
Milestone marked "P. 7, T. 1," 15 ft. n. of; cen. of T rd. w.	40 03 44.0	84 12 50.2
Troy, McKay Ave., crossing on C. H. & D. Ry	40 02 24.0	84 12 50.4
North-south crossing on N. Y. C. Ry.	40 01 35.0	84 13 04.4
Tps. 4 & 5 N., R. 6 E., cor. of secs. 4, 5, 32, and 33; +rds.	40 00 37.6	84 13 11.4

Through center of quadrangle east along highways

T. 1, R. 12, s. cor. of secs. 19 and 25; T road north	40 09 04.3	84 12 59.3
Piqua, crossing of Main and Ash Streets	40 08 59.7	84 14 21.8
T. 1, R. 12, south corner of secs. 7 and 13	40 08 56.2	84 10 42.1
Old cemetery, T road north	40 08 52.2	84 09 35.7
Tps. 1 and 2, R. 12, south corner of secs. 1 and 31	40 08 48.4	84 08 26.0
Tps. 1 and 2, R. 11, north corner of secs. 6 and 36	40 08 48.3	84 08 23.0
T. 2, R. 12, south corner of secs. 25 and 31	40 08 44.4	84 07 17.7
T. 2, R. 11, north corner of secs. 30 and 36	40 08 44.2	84 07 14.0
T. 2, R. 12, south corner of secs. 19 and 25; T road north	40 08 40.5	84 06 10.0

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	° ′ ″	° ′ ″
Fletcher, 0.5 mi. e. of, s. e. cor. of T rd. s., 20 ft. s. and 30 ft. e. of n. cor. of secs. 24 and 30, T. 2, R. 11; iron post stpd. **"Prim. Trav. Sta. No. 41. Ohio, 1909"**	**40 08 40.1**	**84 06 06.0**
T. 2, R. 12, s. cor. of secs. 13 and 19; T rd. n. near schoolhouse	40 08 36.6	84 05 01.6
T. 2, R. 11, n. cor. of secs. 18 and 24; T rd. s. near schoolhouse	40 08 36.5	84 05 00.0
T. 2, R. 12, south cor. of secs. 7 and 13; T road north	40 08 32.8	84 03 53.3
T. 2, R. 11, north cor. of secs. 12 and 18; T road south	40 08 32.7	84 03 52.6
T. 2, Rs. 11 & 12, s. w. cor. of sec. 1, +rds. ¾ mi. w. of Lena	40 08 29.1	84 02 44.0
Miami-Champaign county line, center of pike	40 08 25.2	84 01 36.2
Near southeast corner of quadrangle along highways		
Alcony, crossroads 1 mile east of	40 00 34.0	84 02 33.6
Alcony, 2 miles east of; T road south	40 00 07.8	84 01 12.8

Upper Sandusky Quadrangle

Milepost 63 to a point near Carey via Hocking Valley Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Milepost 63, crossing, 1,180 feet north of	40 47 19.8	83 17 12.1
Upper Sandusky, s. azimuth stone, 9 ft. e. of railroad, 1,395 ft. from n. stone, limestone post 30 x 5 x 5 in. set 30 in. in ground; bronze merid. tab. cemented in cen. of top. *Azimuth, 180° 18′ 30″*	40 49 14.8	83 17 31.4
Upper Sandusky, n. azimuth stone, 55 ft. s. and 150 ft. e. of crossing of Pennsylvania and H. V. Rys., 11 ft. e. of H. V. Ry., limestone post 38 x 6 x 6 in., set 34 in. in ground; copper bolt cemented in center of top	40 49 28.6	83 17 31.3
Upper Sandusky station	40 49 30.0	83 17 31.3
T. 2 S., R. 14 E., west corner of secs. 19 and 30	40 50 49.7	83 18 16.6
Crossing at flag station (Lovell)	40 53 26.8	83 19 54.7
Crawford station, crossing	40 55 05.2	83 21 03.8
Carey station, crossing south of	40 57 04.2	83 22 28.3
Carey, s. azimuth stone in s. abut. of brdg. n. of sta., 4 ft. e. of e. rail; copper bolt sunk and cemented in second stone. *Azimuth 151° 40′ 20″* to north mark	40 57 10 3	83 22 32.6
Carey, n. azimuth stone, 339 ft. n. of C. C. C. & St. L. Ry. crossing, 8 ft. s. e. of N. O. Ry. +ing, 3½ ft. e. of e. rail on H. V. Ry., marble post 24 x 8 x 8 in., set 24 in. in ground; copper bolt cemented in center of top	40 57 22.9	83 22 41.5
Near quarter cor. n. of sec. 5 on base line, R. 13 E	40 59 31.7	83 23 49.1
Near east border of quadrangle north along highways		
T. 2 S., R. 14 E., quarter cor. between secs. 28 and 33	40 49 58.4	83 15 22.5
T. 2 S., R. 14 E., quarter cor. between secs. 16 and 21	40 51 42.9	83 15 23.2
Roads east, west, north, and south	40 52 35.4	83 15 04.2
T. 1 S., R. 14 E., point on rd. in s. central part of sec. 33.	40 54 32.3	83 15 24.6

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McCutchenville, +ing on Main Street and Perrysburg rd.	40 59 26.6	83 15 36.6
Near north and west borders of quadrangle along highways		
T. 1 N., Rs. 13 & 14 E., quarter cor. between secs 31 & 36	40 59 59.8	83 18 18.6
T. 1 N., R. 13 E., s. cor. of secs. 33 and 34	40 59 32.3	83 21 47.1
T. 1 N., Rs. 12 and 13 E., s. cor. of secs. 31 and 36	40 59 30.9	83 25 13.9
Roads northwest and southeast	40 59 28.1	83 27 29.1
Vanlue, in n. w. part of; Main St. crossing on C. C. C. & St. L. Ry	40 58 32.6	83 29 03.4
T. 1 S., R. 12 E., quarter cor. between secs. 16 and 21	40 56 53.5	83 29 10.5
T. 1 S., R. 12 E., quarter cor. between secs. 28 and 33	40 55 09.2	83 29 10.3
T. 2 S., R. 12 E., quarter cor. between secs. 4 and 9	40 53 24.7	83 29 10.7
Point in road north and south	40 51 51.5	83 29 30.6
Crossroads	40 47 09.0	83 29 49.4

Meridian Marks

Upper Sandusky, in southeastern part of public school grounds, 10 feet north of sidewalk; a limestone post 36 by 7 by 7 inches, set 34 inches in the ground; in the center of top of which is countersunk and cemented a bronze tablet. Reference marks: A white oak tree, 30 inches in diameter, bears N. 30° E., distant 48 feet.

Distant mark: North of station 348 feet, a limestone post 30 by 5 by 5 inches, set 30 inches in the ground, having a copper bolt cemented in its top.

Vanceburg Quadrangle

Buena Vista north along east border of quadrangle to Pink via highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Buena Vista, 0.5 mi. n. e. of, in n. w. cor. of +roads, 30 ft. e. to cen. of crossroads; iron post stamped **"Prim. Trav. Sta. No. 9. Ohio, 1910"**	**38 37 52.4**	**83 15 16.8**
Scioto-Adams county line, 10 ft. south to sycamore tree	38 38 24.3	83 16 06.9
Stone quarry, forks of road, 15 ft. to guy wire of derrick	38 39 08.0	83 16 47.0
Forks of rd., about 35 ft. n. w. of, cor. of fence; cross cut on corner board	38 40 28.5	83 18 15.7
Forks of trail on top of hill	38 41 33.2	83 16 52.1
Upper Twin Creek-Churn Creek rd., at rd. s., on divide between creeks	38 42 25.8	83 16 50.9
Schoolhouse, northeast corner of	38 43 28.6	83 17 26.4
Forks of rd. at junc. of State Fork and Churn Creek at Lee Cooper's farm, 15 ft. e. to sycamore tree at w. end of foot log	38 44 04.6	83 18 18.0

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Lower Churn Creek schoolhouse, southwest corner of, at forks of road	38 44 54.4	83 19 02.3

Buena Vista west via Rome to Wrightsville along highways

Scioto-Adams Co. line monument, on n. side of Buena Vista-Rome pike	38 37 12.6	83 16 06.0
Foster's res., 300 ft. w. of; stone monument s. side of rd.	38 36 26.6	83 17 30.4
Sandy Springs Church, +roads, 5 ft. n. to large oak tree	38 36 41.1	83 17 54.3
Sandy Springs Church, 1.3 miles north and 0.8 mile west of; road northeast, 5 feet northwest to telephone pole	38 37 53.9	83 18 42.1
Forks of road east of small creek, walled spring	38 38 14.8	83 19 22.1
Stout (Rome), near s. e. cor. of cross sts., e. of town pump, 50 ft. w. and 30 ft. n. to cen. of +roads; iron post stpd. **"Prim. Trav. Sta. No. 16. Ohio, 1910"**	**38 39 50.5**	**83 22 51.8**
Stout Run, center of steel bridge over	38 40 02.8	83 23 20.5
Stout, 1.5 mi. w. of; rd. n., 20 ft. e. and 5 ft. n. to tel. pole	38 40 13.2	83 24 23.5
Lockhart schoolhouse No. 5, center of pike	38 40 11.2	83 25 49.0
Brush Creek brdg., 0.5 mi. n. w. of; △ cen. in forks of pike	38 40 56.5	83 27 14.1
Concord, Ky., Christian Church spire	38 41 07.6	83 29 26.0

Van Wert Quadrangle

North along Cincinnati Northern Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Pipe line and road crossing	40 45 24.7	84 37 10.5
Ohio City, Toledo St.Louis & Western Ry. crossing	40 46 12.0	84 36 51.1
Ohio City, crossing of telephone line and street	40 46 17.4	84 36 49.0
Road crossing east-west	40 47 10.0	84 36 27.7
Road crossing east-west	40 48 02.4	84 36 06 3
Road crossing east-west 100 feet west of pike	40 49 21.1	84 35 26.4
Road crossing east-west	40 50 13.6	84 35 26.0
Van Wert, crossing of main road in s. w. part of town	40 51 54.1	84 35 26.4
Van Wert, Pennsylvania Ry. crossing	40 52 19.3	84 35 18.5
Road crossing east-west	40 54 10.1	84 34 52.6
Bridge, east-west road crossing 300 feet west of	40 55 02.3	84 34 52.9
Bridge, east-west road crossing 400 feet west of	40 56 20.8	84 34 53.6
Cavett station, road crossing	40 56 46.9	84 34 53.8
Road crossing east-west	40 57 38.3	84 34 54.2
Sawmill, east-west road crossing	40 58 31.5	84 34 54.6
Scott, east-west road crossing	40 59 23.9	84 34 54.8

Near south border of quadrangle west along highways

T road east	40 45 39.4	84 30 14.9

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T 3 S., R. 3 E., n. e. cor. of sec. 28, near church; crossroads	40 45 26.2	84 30 48.8
T. 3 S., R. 3 E., corner of secs. 20, 21. 28, and 29..... ...	40 45 25.7	84 31 57.3
T. 3 S., R. 3 E., cor. of secs. 19, 20, 29, and 30; T road e..	40 45 25.4	84 33 06.0
T. 3 S., R. 3 E., west corner of secs. 19 and 30.....	40 45 25.6	84 34 16.1
T. 3 S., R. 2 E., east cor. of secs. 24 and 25; T road west.	40 45 25.9	84 34 16.2
T. 3 S., R. 2 E., at cor. of secs. 23, 24, 25, and 26; +roads	40 45 25.0	84 35 25.5
T. 3 S., R. 2 E., cor. of secs. 22, 23, 26, and 27; crossroads	40 45 25.2	84 36 33.9
Ohio City, 1 mi. s. of; crossing of Cincinnati Northern Ry.	40 45 24.7	84 37 10.5
Ohio City, 1 mi. s. and 0.5 mi. w. of, at n. e. cor. of +rds., 30 ft. w. and 20 ft. s. to cen. of +roads; iron post stpd. **"Prim. Trav. Sta. No. 15. Ohio, 1909"**.....	**40 45 24.4**	**84 37 32.5**
T. 3 S., R. 2 E., cor. of secs. 21, 22, 27, and 28; T rd. n.....	40 45 24.1	84 37 42.6
T. 3 S., R. 2 E., cor. of secs. 20, 21, 28, and 29; n.-s. fence.	40 45 23.9	84 38 50.5
T. 3 S., R. 2 E., cor. of secs. 19, 20, 29, and 30; T road n..	40 45 24.2	84 39 59.1
T. 3 S., R. 2 E., west cor. of secs. 19 and 30; T road east.	40 45 24.1	84 41 18.4
T. 3 S., R. 1 E., east corner of secs. 24 and 25..	40 45 24.6	84 41 18.4
T. 3 S., R. 1 E., corner of secs. 23, 24, 25, and 26..... ..	40 45 25.3	84 42 27.3
Schumm, 25 ft. w. and 25 ft. south to T. St. L. & W. Ry. +ing; iron post stpd. **"Prim. Trav. Sta. No. 16. Ohio, 1909"**	**40 45 25.7**	**84 43 36.7**

Near west border of quadrangle north along highways

T. 3 S., R. 1 E., cor. of secs. 14, 15, 22, and 23; crossroads	40 46 17.6	84 43 36.8
T. 3 S., R. 1 E., cor. of secs. 10, 11, 14, and 15; crossroads	40 47 10.0	84 43 36.6
T. 3 S., R. 1 E., cor. of secs. 2, 3, 10, and 11; crossroads..	40 48 02.4	84 43 36.5
T. 3 S., R. 1 E., north corner of sections 2 and 3..... ...	40 48 54.4	84 43 36.4
T. 2 S., R. 1 E., south cor. of secs. 34 and 35; T road north	40 48 54.4	84 43 34.8
T. 3 S., R. 1 E., north cor. of secs. 1 and 2; T road south..	40 48 54.4	84 42 26.9
T. 2 S., R. 1 E., south corner of sections 35 and 36.....	40 48 54.5	84 42 26.2
T. 2 S., R. 1 E., quar. cor. between secs. 25 & 26; +roads	40 50 13.1	84 42 25.6
T. 2 S., R. 1 E., cor. of secs. 13, 14, 23, & 24, near church and schoolhouse; crossroads.....	40 51 31.9	84 42 25.1
Convoy, 3.25 miles south of; crossroads.....	40 52 11.1	84 42 25.1
T. 2 S., R. 1 E., near schoolhouse, 20 ft. s. and 20 ft. w. of cor. of secs. 1, 2, 11, and 12, in s. w. cor. of crossroads; iron post stamped **"Prim. Trav. Sta. No. 17. Ohio, 1909"**	**40 53 16 4**	**84 42 25.7**
T. 2 S., R. 1 E., north corner of secs. 1 and 2; near +roads	40 54 08.8	84 42 25.9
T. 1 S., R. 1 E., s. cor. of secs. 35 and 36; near crossroads	40 54 06.6	84 42 24.9
Tps. 1 & 2 S., R. 1 E., cor. of secs. 2, 3, 34, & 35; T road north	40 54 08.8	84 43 34.1
T. 1 S., R. 1 E., cor. of secs. 26, 27, 34, and 35; crossroads	40 55 01.1	84 43 34.0
T. 1 S., R. 1 E., cor. of secs. 14, 15, 22, and 23; crossroads	40 56 45.8	84 43 34.1
T. 1 S., R. 1 E., cor. of secs. 10, 11, 14, and 15; crossroads	40 57 38.2	84 43 34.0
T. 1 S., R. 1 E., cor. of secs. 2, 3, 10, and 11; crossroads...	40 58 30.6	84 43 34.2
Tps. 1 S. and 1 N., R. 1 E., corner of sections 2, 3, 34, and 35; crossroads, at Paulding-Van Wert county line.....	40 59 22.6	84 43 34.5

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Vermilion Quadrangle

Near Camden triangulation station

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Kipton, L. S. & M. S. Ry., road crossing on	41 16 04.3	82 18 07 9
Camden, triangulation station of U. S. Lake Survey	41 16 25.8	82 17 45.86
Near Townsend triangulation station of United States Lake Survey along highways		
Townsend, triangulation station of U S. Lake Survey	41 15 43.26	82 28 59.77
Collins, L. S. & M. S. Ry., road crossing on	41 15 29.0	82 29 30.2
Near Brownhelm triangulation station along highways		
Crossing on L. S. & M. S. Ry. at stone quarry No. 6	41 22 09.7	82 15 10.2
Crossing on L. S. & M. S. Ry. at stone quarry No. 6	41 22 14.1	82 15 10.1
Crossroads	41 22 42.8	82 15 09.8
Shore Rice, in front of machine shop	41 22 46.3	82 15 26.1
T. 6 N., R. 19 W., cor. of lots 38, 39, 42, & 43; Brownhelm postoffice	41 23 20.9	82 16 57.3
Brownhelm, U. S. Lake Survey triangulation station	41 23 18.24	82 18 27.89

Warren Quadrangle

Near south border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Christie's pottery, crossroads 1 mi. n. of, 35 ft. n. to cross on board fence, 39 ft. north to corner fence post	41 00 37.1	80 59 10.7
Berlin Center, 2 mi. w. of; crossroads, schoolhouse, 31 ft. s. w. to guidepost; 27 ft. s. e. to A. L. Bardos's mail box	41 01 28.1	80 59 11.4
Berlin Center, +rds., 24 ft. s. e. to pump, 90 ft. n. e. to cor. of stone porch	41 01 28.6	80 56 52.2
Berlin Center, Penn. Ry., e.-w. road +ing 1 mile east of	41 01 28.5	80 55 33.7
Berlin Center, 2 mi. e. of, in s. w. cor. of H. C. Beardsley's farm at +rds., nail in root of hickory tree bears N. 57° 30′ E., dist. 24.3 ft.; nail in root of hickory tree bears N. 26° 30′ W., dist. 8.5 ft.; iron post stpd. **"Prim. Trav. Sta. No. 39"**	**41 01 27.3**	**80 54 20.8**
Ellsworth, +roads, 40 feet s. w. to guidepost, 100 ft. n. e. to iron pump	41 01 28.0	80 51 27.0
Meander Creek, center of bridge over	41 01 29.8	80 50 18.2
T rd. s., 42 ft. n. w. to Peach Hill Coal Co.'s mail box, 32 ft. north to cross on picket fence	41 01 28.7	80 48 34.1
Canfield, +roads, 1.5 mi. w. of; 40 feet s. w. to guidepost, 36 feet southeast to mail box	41 01 29.3	80 47 16.2
Canfield, west end of stone water trough at crossroads	41 01 29.4	80 45 38.6

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Near east border of quadrangle north along highways

	° ′ ″	° ′ ″
Canfield, T rd. e. 1 mi. s. of; 19 ft. n. e. to end of culvert, 58 ft. southeast to cross on telephone pole	41 00 19.9	80 45 38.7
Canfield, in town park, cross on s. w. cor. of water trough bears N. 2° 50′ E., dist. 32.15 ft.; cross on n. e. corner of found'n of Farmers Nat'l Bank bears N. 47° W., dist. 148.4 feet; iron post stamped "**Prim. Trav. Sta. No. 143**".	**41 01 26.1**	**80 45 38.6**
Canfield, +roads 1 mi. n. of; 43 feet s. w. to guidepost, 36 feet northeast to telephone pole	41 02 39.2	80 45 38.4
Canfield, T road w. 2 mi. n. of; 36 feet s. w. to cor. of hedge fence, 45 feet northwest to hickory post	41 03 20.4	80 45 38.3
Smith Corners, +rds., 17′ s. e. to guidepost, 52′ n. e. to gate	41 04 08.4	80 45 42.0
Austintown, +roads 1 mi. s. of, 33 ft. s. e. to cor. of yard fence, 35 feet southwest to telephone pole	41 05 02.6	80 45 46.0
Austintown, iron pump at crossroads	41 05 58.6	80 45 50.0
National Sandstone plant, road crossing tramway	41 06 50.2	80 46 26.1
Ohlton, road crossing on Erie Ry	41 07 18.8	80 46 47.8
Mineral Ridge, in s. e. cor. of E. R. Edwards's farm on w. side of rd., n. e. cor. of Andrew Armalio's res., bears S. 58° W., dist. 20.1 ′; s. w. cor. Erie Ry. dpt. bears N. 2° E., dist. 355 ft.; iron post stamped "**Prim. Trav. Sta. No. 40**"	**41 08 19.3**	**80 46 26.0**
Erie Ry., crossing of east-west road	41 08 59.3	80 46 35.6
Erie Ry., crossing of Niles-Mineral Ridge pike	41 09 38.3	80 46 07.5
Niles, +ing of Erie Ry. (branch), and B. & O. S. W. Ry	41 10 34.0	80 45 20.3
Niles, Cedar St. and Vienna Ave., 21 ft. w. to stone hitching post, 45 ft. northeast to telephone pole	41 11 22.6	80 45 11.9
Crossroads (on Youngstown quad.)	41 12 19.4	80 44 25.2
T road east, 25 ft. northwest to Hayrick's mail box, 27 ft. southwest to front yard gate (on Youngstown quad.)	41 13 26.2	80 44 25.4

Near north border of quadrangle east along Erie Ry.

Phalanx sta., in s. e. cor. of G. W. Strong's yard, s. e. cor. of foun. of Strong's house bears N. 24° 20′ W., dist. 95.5 ft.; n. rail of n. track of Erie Ry at rd. +ing bears S. 6° 40′ E., dist. 157.5 ′; iron post stamped "**Prim. Trav. Sta.**"	**41 14 55.7**	**80 57 17.3**
Phalanx station, road crossing 1 mile east of	41 14 37.1	80 56 04.4
Milepost 48, road crossing 400 ft. east of	41 14 22.8	80 55 03.5
Milepost 49, road crossing 1,200 feet west of	41 14 17.9	80 54 18.5
Levittsburg, road crossing just west of station	41 14 15.7	80 52 50.3
Milepost 51, road crossing 500 feet east of	41 14 09.7	80 51 38.3
Warren Tile Co., crossing of north-south road	41 14 01.5	80 50 09.7

Near Warren east along highways

Warren, copper bolt in s. meridian stone in courthouse yd.	41 14 11.6	80 49 06.8
Warren, Market Street crossing on B. &. O. Ry	41 14 10.8	80 48 13.0
Mosquito Creek, +roads 0.5 mile w. of; 30 feet n. to mail box, 36 feet southeast to mail box	41 14 13.8	80 45 58.0

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South along Lake Erie, Alliance & Wheeling Ry.

Braceville, crossing of L. E. A. & W. and E. Rys.....	41 13 45.6	80 57 31.1
Crossing of east-west road.....	41 13 16.3	80 57 43.6
Crossing of east-west private road.....	41 11 55.6	80 58 03.2
Newton Falls, road crossing 320 feet north of station....	41 11 16.5	80 58 21.7
Newton Falls, +ing of north-south road 1 mile south of..	41 10 34.5	80 59 01.7

Washington C. H. (see Mt. Sterling) Quadrangle

Wauseon Quadrangle

Delta to Pettisville via Lake Shore & Michigan Southern Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Delta, road crossing.....	41 34 13.4	84 00 01.7
Delta, road crossing.....	41 34 11.7	84 00 11.9
Crossing of northeast-southwest road.....	41 34 01.8	84 01 13.0
Mileposts 27 and 28, north-south road crossing between..	41 33 51.8	84 02 14.4
Mileposts 28 and 29, north-south road crossing between.	41 33 40.6	84 03 23.5
Mileposts 29 and 30, north-south road crossing between.	41 33 29.2	84 04 33.6
Mileposts 31 and 32, north-south road crossing between..	41 33 06.6	84 06 52.6
Mileposts 32 and 33, north-south road crossing between..	41 32 55.1	84 08 02.9
Wauseon, main street crossing.....	41 32 51.1	84 08 27.3
Wauseon station.....	41 32 49.7	84 08 35.9
Wauseon, +ing of L. S. & M. S. Ry. and D. T. & I. Ry..	41 32 47.2	84 08 51.7
Wauseon, north-south road crossing at cemetery.....	41 32 44.0	84 09 11.2
Milepost 34, east-west road crossing at.....	41 32 37.5	84 09 50.9
Mileposts 34 and 35, north-south road crossing between.	41 32 32.7	84 10 20.5
Mileposts 35 and 36, north-south road crossing between.	41 32 21.4	84 11 29.9
Mileposts 36 and 37, north-south road crossing between.	41 32 10.0	84 12 39.4
Mileposts 37 and 38, north-south road crossing between.	41 31 59.3	84 13 44.7
Mileposts 38 and 39, north-south road crossing between.	41 31 48.0	84 14 53.7

Near Ohio-Michigan State line west along highways

T. 9 S., R. 3 E., corner of sections 2, 3, 10, and 11.....	41 42 50.3	84 02 13.2
T. 9 S., R. 3 E., corner of sections 5, 6, 7, and 8.....	41 42 47.3	84 05 43.2
Ohio-Michigan State line	41 42 46.5	84 07 10.3
Schoolhouse, road crossing of Toledo & Western Ry.....	41 42 14.8	84 08 37.3
T. 9 S., R. 2 E., cor. of sections 3, 4, 9, and 10; State line.	41 42 40.4	84 10 22.2
T. 9 S., R. 2 E., corner of sections 8, 9, 16, and 17;+roads	41 41 48.5	84 11 30.8
T. 9 S., Rs. 1 and 2 E., cor. of secs. 7, 18, 13, and 12; +rds.	41 41 47.4	84 13 49.2

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	° ′ ″	° ′ ″
Ritters, 1.5 mi. s. e. of, in n. w. cor. of Hewey Sutton's front yard; n. w. cor. of Sutton's house bears S. 79° E., dist. 181.2 ft; e. rail of electric ry. at +ing bears N. 67° W., dist. 69 ft.; iron post stamped **"Prim. Trav. Sta. No. 24, 1905"**	**41 41 47.0**	**84 14 57.2**
Near west border of quadrangle south along highways		
T. 9 S., R. 1 E., corner of sections 13, 14, 23, and 24	41 40 54.5	84 14 56.1
T. 9 S., R. 1 E., corner of secs. 25, 26, 35, and 36; +roads	41 39 09.1	84 14 54.7
T. 10 S., R. 1 E., corner of secs. 1, 2, 11, and 12; +roads	41 37 24.1	84 14 52.3
T. 7 N., R. 5 E., corner of sections 1, 2, 11, and 12; +rds.	41 35 12.3	84 14 56.2
T. 7 N., R. 5 E., corner of secs. 13, 14, 23, and 24; +roads	41 33 27.8	84 14 55.6
T. 6 N., R. 5 E., corner of secs. 1, 2, 11, and 12; crossrds.	41 30 00.5	84 14 53.6
T. 9 S., R. 1 E., south cor. of secs. 1 and 2; cen. of +rds.	41 42 39.6	84 14 58.8
On south border of quadrangle west along highways		
Tps. 6 and 7 N., R. 7 E., quarter cor. between secs. 1 & 36	41 30 55.6	84 00 30.1
T. 6 N., R. 7 E., cor. of secs. 2, 3, 10, and 11; +roads, 22 ft. s. w. to s. end of culv., 41 ft. s. e. to + on cor. fence post	41 30 03.9	84 02 14.9
T. 6 N., R. 7 E., cor. of secs. 3, 4, 9, and 10; +rds., 39 feet s. e. to + on cor. fence post, 45 ft. s. w. to G. S. Frederick's mail box	41 30 01.2	84 03 23.8
T. 6 N., R. 7 E., cor. of secs. 4, 5, 8, and 9; +roads, 34 ft. s. e. to + on cor. fence post, 48 ft. s. w. to + on fen. post	41 30 01.1	84 04 34.8
T. 6 N., R. 7 E., cor. of secs. 5, 6, 7, and 8; crossroads at schoolhouse, 33 ft. n. e. to T. L. Ammand's mail box, 35 ft. n. w. to cross on telephone pole	41 30 00.9	84 05 43.8
T. 6 N., R. 6 E., e. corner of secs. 1 and 12; 31 ft. n. w. to Val Snyder's mail box, 34 ft. s. w. to cor. of rail fence.	41 30 02.0	84 06 52.5
T. 6 N., R. 6 E., s. w. cor. of sec. 1, in s. w. cor. of schoolhse. No 3 yd., +rds., s. w. cor. of schoolhouse bears N. 16° 10′ E., dist. 171. 4 ft.; n. w. corner of foundation of church bears S. 2° 30′ E., dist. 79.9 ft.; iron post stamped **"Prim. Trav. Sta. No. 32, 1905"**	**41 30 01.7**	**84 08 02.0**
T. 6 N., R. 6 E., cor. of secs. 2, 3, 10, and 11; +roads, 34 ft. s. e. to + on cor. fence post, 36 ft. n. e to cross on yard fence post	41 30 01.3	84 09 12.0
T. 6 N., R. 6 E., cor. of secs. 3, 4, 9, and 10; crossroads, 34 ft. s. e. to + on tel. pole, 39 ft. n. e. to penalty notice	41 30 01.2	84 10 21.7
T. 6 N., R. 6 E., cor. of secs. 4, 5, 8, and 9; crossroads, 12 ft. s. e. to cross on tel. pole, 29 ft. s. w. to Frank Lea's mail box	41 30 00.0	84 11 30.1
T. 6 N., R. 6 E., cor. of secs. 5, 6, 7, and 8, at schoolhouse; crossroads, 28 ft. s. w. to David Reyze's mail box, 43 ft. northeast to iron fence	41 30 00.3	84 12 41.1
T. 6 N., R. 5 E., e. cor. of secs. 1 and 12; 33 ft. s. w. to cor. of garden fence, 32 ft. n. w. to + on advertising board.	41 30 00.6	84 13 44.0
T. 6 N., R. 5 E., s. e. cor. of sec. 2, in s. e. cor. of yard of district No. 14 schoolhouse, center of iron pump in yard bears N. 82° W., dist. 42 ft.; s. e. cor. of shoolhouse bears N. 45° W., distant 44.7 feet	41 30 00.8	84 14 54.0

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Waverly Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Massieville, forks of road about 2 miles s. of, 45 ft. w. to G. W. Bender's mail box, 40 ft. n. e. to + on tel. pole.	39 14 53.4	82 58 50.9
Milepost, "Waverly, 8 mi." cen. of Chillicothe-Ports. pike	39 14 06.7	82 59 03.7
T rd. w., 15 ft. e. to cross on gatepost, 27 ft. s. w. to cross on white oak tree	39 13 20.0	82 59 01.9
Hermit Cave, road east near, 15 ft. n. w. to s. w. corner of bridge, 30 feet southeast to mail box	39 11 53.9	82 58 43.7
Alma, Coler's store, T road northeast, 30 feet east to pump, 27 feet to arrow on telephone pole	39 11 02.8	82 58 34.2
Alma, T rd. w. about 0.75 mi. s. of, 36 ft. s. e. to + on tel. pole	39 10 31.5	82 58 30.6
Waverly, 2 miles north of, dirt road n. e., 15 ft. e. to cross on board fence, 21 ft. n. w. to cross on telephone pole.	39 09 05.9	82 58 37.8
Waverly, T road west 0.75 mile north of, 15 ft. e. to cross on tel. pole, 18 ft. n. w. to n. e. cor. of bridge	39 08 18.0	82 58 55.9
Waverly, in w. cor. of courthouse yard, w. cor. of founda. to courthouse bears S. 62° 50′ E., dist. 31.7 ft.; cor. post of iron fence to courthouse yard bears W. 2.9 ft.; iron bench-mark post set 36 in. in ground stamped **"Prim. Trav. Sta. No. 16"**	**39 07 33.8**	**82 59 04.0**
Near Glen Jean along Norfolk & Western Ry.		
Glen Jean, +ing of N. & W. and D. T. & I. railroads	39 06 48.4	82 58 41.5
Chillicothe-Portsmouth pike crossing	39 05 53.6	82 58 21.0
Milepost 634, 600 ft. n. of; private road crossing	39 05 09.3	82 59 03.0
Glen Jean, private road +ing, 2.75 miles south of	39 04 34.3	82 59 39.7
West Junction to Vigo via B. & O. Southwestern R. R.		
West Junction, overhead road +ing about 0.25 mi. e. of	39 13 02.6	82 45 50.1
Milepost 111, road crossing 330 feet southeast of	39 13 58.3	82 46 52.9
Vigo station, crossing of north-south road 90 ft. s. e. of	39 14 52.2	82 47 33.5
Near east border of quadrangle north along highways		
Glade, north-south road crossing	39 00 48.9	82 46 58.4
Glade, in John Whitman's woods pasture, 440 ft. s. of rd. +ing; on e. side of n.-s. rd., spike in n. face of white oak tree bears S. 14° 10′ E., dist. 27.3 ft.; spike in white oak tree bears S. 46° E., dist. 31.6 ft.; iron bench-mark post set 40 in. in ground stpd. **"Prim. Trav. Sta. No. 20"**	**39 00 44.6**	**82 46 58.5**
Near south border of quadrangle along highways		
New Zion Church, intersection of rds. at bridge, 0.25 mi. n. of, 35 ft. w. to n. e. corner of bridge	39 01 34.4	82 47 12.9
H. B. Hoover's res., rd. e. thru gate at brdg., 18 ft. s. e. to + on butternut tree, 16 ft. n. e. to cross on locust tree	39 02 29.5	82 46 42.0

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Road s. w., 33 ft. s. w. to + on cor. fence post, 30 ft. w. to cross on corner fence post	39 03 29.0	82 46 38.5
Bethel Church, T road e. at, 22 ft. n. to mail box, 27 ft. w. to cross on rail fence	39 03 48.8	82 46 41.2
Cove, 0.5 mi. s. w. of, e.-w. rd. at +ing on D. T. & I. Ry.	39 00 35.4	82 45 09.2
Glade, T road west 1 mile south of, 15 feet east to cross on fence, 30 ft. n. w. to cross on corner of fence post	39 00 04.0	82 47 02.3
Schoolhouse, intersection of rds. just s. of, 43 ft. s. to C. L. Grover's mail box, 15 ft. s. w. to cross on board fence	39 04 25.6	82 46 11.0
Vance's store, T rd. w. 1.5 mi. s. of, 10 ft. s. w. to M. A. Harper's mail box, 18 ft. east to cross on fence post	39 04 54.0	82 45 53.1
Vance's store or Eastburn, T rd. +ing, 15 ft. n. e. to door of store, 24 ft. s. w. to cross on front yard gatepost	39 06 14.7	82 45 19.4
Bridge, rd. s. e., 27 ft. to n. e. cor. of bridge, 15 ft. n. e. to cross on small sycamore tree	39 06 57.1	82 45 09.6
Limerick, in s. e. cor. of T. J. Beatty's garden, s. e. cor. of founda. to Beatty's res. bears N. 34° W., dist. 81 ft.; cent. of commis'. plate on n. truss of bridge over Pidgeon Crk. bears S. 63° 30′ E., dist. 96.1 ft.; iron bench-mark post set 40 in. in ground stamped **"Prim. Trav. Sta. No. 19"**	**39 07 31.4**	**82 45 01.4**
Limerick, intersection of rds. 1.5 mi. n. of, 12 ft. s. w. to mail box, 27 ft. n. e. to + on locust tree at cor. of fence	39 08 43.6	82 45 08.1
Springer, T rd. e. 1 mi. s. w. of, 20 ft. n. e. to cross on gatepost, 30 feet west to cross on board fence	39 09 46.5	82 45 54.1
Springer, T rd. w. at, 30 w. to cross on tel. pole, 50 ft. s. e. to cross on telephone pole (on Jackson quad.)	39 10 20.9	82 44 45.2
McGill's store, intersection of roads, 40 feet northeast to east corner of bridge, 40 feet southwest to store door	39 11 15.1	82 45 04.5
Brox Cor. Cemetery, intersec. of rds. about 400 ft. e. of, 18 feet east to cross on rail fence, 15 feet northwest to west end of small stone culvert	39 11 28.1	82 45 39.6
T rd. w. at Jackson-Vinton county line, 27 ft. s. w. to cross on walnut tree, 45 ft. n. w. to cross on cor. fence post	39 12 27.6	82 45 39.0
Near south border of quadrangle east along highways		
Shyville, forks of rd. s. e. of, 24 in. s. w. to cross on cor. fence post, 18 in. w. to s. end of culvert	39 00 27.7	82 59 07.8
Mt. Carmel Church, intersec. of rd. n. of, 27 ft. n. w. to + on hickory tree, 27 ft e. to cross on small black oak	39 00 50.1	82 57 05.9
Bobo, rd. w. about 0.5 mi. n. e. of, 21 ft. w. to + on large white oak tree, 22 ft. e. to cross on cor. fence post	39 01 40.6	82 56 07.7
Beaver, intersec. of rds. 5 mi. w. of, 18 ft. s. e. to guidepost, 18 ft. s. w. to cross on small oak tree	39 02 05.0	82 55 17.8
Beaver, +rds. at Arminstrout schoolhouse, 4 mi. w. of, 21 ft. s. e. to cor. fence post, 30 ft. s. w. to + on brd. fence	39 02 00.2	82 54 05.3
Beaver, 2.5 mi. w. of, in n. e. cor. of church yd. at +rds.; + cut on n. e. cor. of foundation of church bears S. 56° 15′ W., dist. 27.3 ft.; 2 nails in blaze on w. face of locust tree in n. e. cor. of church yard bears S. 82° 30′ E., dist. 6.5 ft.; iron bench-mark post set 42 inches in ground stamped **"Prim. Trav. Sta. No. 18"**	**39 01 56.7**	**82 52 43.8**

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Beaver to Glade via Detroit, Toledo & Ironton Ry.

Beaver, 1.5 mi. west of, Beaver-Waverly pike crossing on D. T. & I. Ry.	39 01 53.9	82 51 30.2
Beaver, 1 mi. w. of, crossing on n.-s. road	39 01 40.6	82 50 47.6
Beaver station, 35 ft. e. of, crossing of n.-s. road	39 01 25.2	82 49 39.2
Beaver, crossing of n.-s. road at e. end of siding	39 01 18.3	82 49 08.6
Glade, private road crossing 0.75 mi. west of	39 00 59.2	82 47 44.1
Glade, north-south road crossing	39 00 48.9	82 46 58.4

Waynesville Quadrangle

Near west border of quadrangle south along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
West Dayton, Big Four Route, e.-w. crossing, 760 ft. n. of railroad bridge. *Azimuth of railroad, 12° 02′*	39 43 57.4	84 12 40.4
W. Dayton, intersec. of Springboro pike and road, s. w.	39 43 30.0	84 13 01.6
W. Dayton, Big 4 Route at Springboro pike, n.-s. +ing.	39 42 14.8	84 13 08.5
T. 1, R. 6, corner of secs. 10, 11, 16, and 17	39 41 40.3	84 13 11.3
T. 1, R. 6, quarter corner between secs. 9 and 15	39 40 23.9	84 13 17.7
T. 1, R. 6, quarter cor. between secs. 7 and 13	39 38 36.9	84 13 27.6
T road west	39 37 43.8	84 13 32.3
T. 2, R. 5, quarter cor. between secs. 11 and 17; T rd. e	39 36 46.9	84 13 37.6
Dunkard Church, crossroads at	39 35 48.9	84 13 42.8
T. 2, R. 5, corner of secs. 8, 9, 14, and 15	39 34 30.8	84 13 50.1
Springboro, crossing of pikes in north part of	39 33 24.0	84 13 56.8
T. 2, R. 5, s. e. cor. of sec. 13	39 32 41.7	84 14 01.1
T. 3, R. 4, corner of secs. 11, 12, 17, and 18	39 31 47.0	84 14 05.9
T. 3, R. 4, corner of secs. 10, 11, 16, and 17	39 30 52.8	84 14 11.2

Through center of quadrangle west along highways

Spring Valley, 0.8 mi. n. w. of; fork at mail box	39 37 21.7	84 00 22.9
Penn. Ry. crossing, 220 ft. north of milepost C 60	39 37 37.8	84 00 05.4
Bellbrook, 3.5 mi. e. of, n. side of lower Bellbrook pike, at rd. n. e.; iron post stamped "**Prim. Trav. Sta. No. 45. Ohio. 1909**"	**39 38 05.9**	**84 00 50.6**
Little Miami River, cen. of covered bridge over	39 37 59.1	84 03 04.9
Bellbrook, cen. of + streets at postoffice	39 38 10.0	84 04 13.8
Tps. 2 and 3, R. 6, cor. of secs. 1, 2, 31, and 32	39 38 02.5	84 04 14.4
T. 2, R. 6, cor. of secs. 1, 2, 7, 8; cen. of pike at n.-s. fence	39 38 17.6	84 05 22.9
Greene-Montgomery Co. line, cen. of T pike n. at cor. of secs. 7, 8, 13, and 14, T. 2, R. 6	39 38 17.1	84 06 39.4
Bellbrook, 3 mi. w. of, at n. w. cor. of T rd. n.; iron post stamped "**Prim. Trav. Sta. No. 46. Ohio, 1909**"	39 38 35.8	84 07 41.3

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T. 2, R. 6, cor. of secs. 19, 20, 25, and 26; center of pike at n.-s. fence	39 38 37.9	84 08 52.0
T. 2, R. 6, quar. cor. between secs. 25 and 26, 1 mi. n. of Centerville; cen. of +roads	39 38 38.1	84 09 26.2
Centerville, quar. cor. s. of sec. 25, T. 2, R. 6; cen. of +rds.	39 37 42.6	84 09 31.1
T. 2, R. 6, S. cor. of secs. 25 and 31, 10 ft. w. of T road n.	39 37 41.3	84 10 05.3
T. 2, R. 6, s.w. cor. of sec. 31, 10 ft. e. of T rd. n.; sec. cor. stone	39 37 39.9	84 11 16.5
Tps. 1 and 2, Rs. 5 and 6, cor. of secs. 1, 6, 7, and 12	39 38 01.8	84 12 21.1
Intersection of Dayton-Springboro and Centerville-Miamisville pikes, s. e. cor. of; iron post stamped **"Prim. Trav. Sta. No. 47. Ohio, 1909"**	**39 38 16.4**	**84 13 29.2**
T. 1, R. 6, s. e. cor. of sec. 13	39 38 09.5	84 13 30.0

Near south border of quadrangle east along highways

T pike s. e., 15 ft. s. and 5 ft. w. to D. S. Woollard's mail box	39 30 08.5	84 03 23.2
Caesar Creek, center of	39 30 17.9	84 02 20.8
T road s., 20 ft. n. to elm tree at end of fence	39 30 09.9	84 01 31.1
Harveysburg, 0.5 mi. e. of; cen. of + pikes at creamery	39 30 00.7	84 00 00.8

Wellington Quadrangle

Near east border of quadrangle north along highways

	° ′ ″	° ′ ″
Lodi, junc. of main line of B. & O. Ry. with branch from the s., 75 ft. w. of tool house	41 01 39.3	82 01 04.6
Lodi, in stone step at n. e. cor. of Taylor Inn; bronze tab. stamped **"Prim. Trav. Sta. No. 4"**	**41 02 00.3**	**82 00 45.8**
North-s. rd. at fork to s. w., w. edge of, 30 ft. s. e. to telegraph pole, 40 ft. w. to telegraph pole	41 04 00.6	82 01 29.8
Road to e., w. edge of n.-s. rd., 30 ft. to William Gusinger's mail box, 40 ft. s. e. to cor. of front yard	41 04 37.2	82 01 29.2
Chatham, in n. e. cor. of Academy Hall; bronze tab. stamped **"Prim. Trav. Sta. No. 23 A"**	**41 06 06.2**	**82 01 29.0**
Chatham, four cors. 1 mi. n. of, 40 ft. n. w. to signpost, 40 ft. s. e. to mail box	41 06 44.6	82 01 27.8
Litchfield, road +ing 300 ft. w. of Northern O. Ry. sta.	41 09 29.9	82 01 24.2
Litchfield, stone in center of park, said to be cen. of twp.	41 10 04.0	82 01 23.3
Medina-Lorain Co. line, three corners, road to east	41 11 55.8	82 01 25.8
Schoolhouse, four corners, 40 feet northeast to corner of school yard fence, 35 ft. southeast to telephone pole	41 12 26.7	82 01 25.8

Near Lodi along B. & O. Ry. (Lodi and Millersburg branch)

Erie Ry. and B. & O. Ry., +ing (on West Salem quad.)	40 59 19.4	82 01 32.7
Burbank, 2 miles west of; road crossing	41 00 04.6	82 01 08.0

Lodi to Sullivan via Baltimore and Ohio R. R. (main line)

Lodi, junc. of main line and branch, 70 ft. w. of tool house	41 01 39.3	82 01 03.7

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Road crossing	41 00 51.8	82 02 47.2
Road crossing	41 00 51.6	82 03 16.9
Road crossing	41 00 49.5	82 04 40.7
Road crossing	41 01 05.0	82 05 49.8
Homer station, road crossing 770 feet east of	41 01 03.6	82 07 15.6
Road crossing	41 01 32.4	82 08 43.3
Road crossing	41 01 50.2	82 09 48.8
Road crossing	41 01 54.2	82 12 05.2
Sullivan station, road crossing west of	41 01 55.0	82 13 19.6

Near west border of quadrangle north along highways

Sullivan, bronze tablet in public school building	41 01 47.3	82 13 06.8
Sullivan, crossing on Baltimore & Ohio R. R	41 01 55.0	82 13 19.6
Crossroads	41 03 27.8	82 13 15.8
Crossroads	41 05 04.8	82 13 15.6
Road east	41 06 58.5	82 13 11.4
Crossroads	41 08 52.3	82 13 05.2
Wellington station, Wheeling & Lake Erie R. R	41 09 48.2	82 13 29 1
T. 4, R. 18, T. lots 75, 76, 85, and 86, Center Pittsfield	41 14 13.4	82 13 06.3
Crossing of electric railroad, run north on railroad	41 14 13.4	82 13 06.0

Near northeast corner of quadrangle

Grafton, four cors. 1 mi. n. w. of, 31 ft. n. e. to nail in mail box post, 34 ft. w. to nail in telegraph pole	41 13 20.0	82 00 13.2
Four cors., 45 ft. s. e to cor. of hedge fence, 50 ft. n. w. to cor. fence post marked with brass tacks	41 14 13.8	82 00 11.8

West Cincinnati Quadrangle

Northeast part of quadrangle along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Barnesburg tollgate, crossroads at	39 13 57.7	84 37 41.5
Crossroads	39 13 15.0	84 36 05.0
Grossbeck, crossroads at	39 13 12.6	84 35 09.7
Mt. Healthy, 1 mi. s. of; T. 3, R. 1, cor. of secs. 26, 32, 31, 25	39 13 05.0	84 32 57.8

West Columbus Quadrangle

Era to Columbus via Baltimore & Ohio Southwestern R. R.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Era station, crossing 430 ft. west of (on Era quad.)	39 44 23.2	83 14 38.1

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Derby station, crossing 350 feet west of	39 46 08.4	83 12 20.5
Morgan station, crossing 100 feet west of	39 48 17.8	83 09 19.5
Pleasant Corners station, crossing 100 ft. s. w. of	39 50 37.5	83 07 41.1
Grove City station, crossing 100 feet southwest of	39 52 59.7	83 05 44.3
Urbancrest station, crossing 100 feet northeast of	39 53 53.2	83 05 00.4
Briggsdale station, crossing 50 feet northeast of	39 55 36.0	83 03 36.1
North Base, U. S. G. S. triangulation station	39 55 57.3	83 03 18.6
Columbus, crossing of B. & O. Ry. and Broad Street	39 57 31.9	83 01 54.4
Transit pier of the Ohio State University Observatory	39 59 50.4	83 00 39.0

Near Columbus along Hocking Valley Ry.

Crossing of Hocking Valley Ry. and east-west pike	39 59 16.8	83 01 37.1

Point 5 miles northwest of Columbus to west border of quadrangle via Penn. Ry.

Columbus, n. w. of; +ing of T. & O. C. and Penn. Rys. (On Dublin quad.)	40 00·04.5	83 05 57.4
Milepost 127, crossing at	39 59 36.1	83 05 26.7
Sullivan road crossing, 0.75 mile north of	39 57 58.9	83 04 38.8
Pike and telephone road crossing	39 57 55.1	83 05 43.5
Milepost 6, road crossing 400 feet west of	39 57 51.7	83 06 40.5
Milepost 8, road crossing 200 feet east of	39 57 44.3	83 08 47.3
Mileposts 8 and 9, road crossing between	39 57 42.1	83 09 27.6
Alton, road crossing	39 57 40.3	83 10 00.9
Pike and telephone road +ing northwest-southeast	39 57 33.2	83 12 12.0
Overhead road crossing	39 57 27.5	83 13 57.3

Near west border of quadrangle

Loubgert Creek, bridge over	39 47 09.3	83 14 53.1
Wrightsville, crossroads	39 51 39.3	83 14 52.2

Westerville Quadrangle

Near south border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Columbus, Mock road crossing	40 00 54.0	82 59 47.9
Road northeast-southwest, electric railway	40 00 49.5	82 58 03.2
Cleveland, Akron & Columbus Ry. +ing. *Azimuth of railway, 194° 09′*	40 00 49.1	82 57 54.3
Road north-south	40 00 47.7	82 57 24.1
Alum Creek, south end of bridge	40 00 34.7	82 56 06.5
Crossroads	40 01 13.3	82 54 41.5
Road north-south	40 01 08.7	82 53 03.1

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Gahanna, center of bridge over Big Walnut River	40 01 08.3	82 52 48.7
T. 1 N., Rs. 16 and 17 W., cor. of ¼ Ts. 1, 2, 3, and 4; +rds.	40 01 06.2	82 52 00.1
District No. 11, schoolhouse	40 01 02.9	82 50 39.4
T. 1 N., R. 16 W., cor. of ¼ Ts. 2, 1, 4, 3	40 00 57.6	82 49 08.0
Havens Corners, crossroads	40 01 10.4	82 48 54.3
Crossroads, at schoolhouse	40 01 09.6	82 47 23.4
Franklin-Licking county line, road north	40 01 06.0	82 46 13.4
Squire Swishers, road north-south	40 00 56.6	82 45 00.6
Summit station, 1 mi. n. of, in n. w. cor. of small lot owned by W. S. Griffith, lot situated just s. of e.-w. section line on e. side of n.-s. rd.; iron post stamped "**Prim. Trav. Sta. No. 34, 1905**"	**40 00 44.6**	**82 45 03.2**

Near east border of quadrangle north along highways

Stations	Latitude	Longitude	Distance between stations
	° ′ ″	° ′ ″	*Feet*
Intersection of road n. and e.-w. rd., south of schoolhouse	40 03 02.0	82 45 20.8	.....
Bridge	40 03 40.2	82 45 18.0	.....
Beech, crossroads	40 04 46.2	32 45 13.3	.....
Crossroads	40 05 50.6	82 45 14.6	.....
Bridge over branch running west	40 06 34.0	82 45 11.6	.....
Intersection of rd. n. and Johnston rd. n. e.-s. w.	40 07 27.6	82 45 07.5	.....
Licking, Franklin, and Delaware counties, corner of; also cor. of Tps. 2 and 3 N., Rs. 15 and 16, W., ¼ Ts. 1. 2, 3, and 4	40 07 33.8	82 45 43.0	.....
Road west at schoolhouse	40 08 19.9	82 45 30.6	.....
Roads east, west, and southeast	40 09 22.6	82 45 34.8	.....
Road east	40 10 17.9	82 45 30.8	.....
Prim. Trav. Sta. No. 40, 1905 (on Granville quad.)	40 13 57.1	82 44 18.0	.....
Delaware-Licking county line, center of +roads	40 13 59.1	82 45 15.3	4,455
Center of T road w., 10 ft. e. to J. E. Hannan's mail box	40 14 46.5	82 45 12.2	4,799

Near north border of quadrangle west along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Delaware-Licking county line, road north-south	40 13 59.0	82 45 15.3
T road west	40 13 57.7	82 47 24.1
Condit, crossroads	40 14 52.9	82 47 20.4
Road north	40 14 44.8	82 49 48.5
Cleveland, Akron & Columbus Ry. crossing. *Azimuth of railroad, 253° 00′*	40 14 47.4	82 50 42.3
Big Walnut Creek, center of bridge	40 14 48.6	82 50 59.3
Sunbury, Harrison Street and Mount Vernon Road, at Dr. Vankirk's	40 14 42.3	82 51 14.5

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Road northwest-southeast	40 14 44.4	82 51 53.6
Road w. to Rome (on Marengo quad.)	40 15 01.5	82 52 18.6
T. 4 N., R. 17 W., corner of ¼ Ts. 1, 2, 3, and 4	40 14 46.2	82 53 40.0
Rome, intersection of roads at guidepost	40 14 48.1	82 54 38.7
Johnnycake schoolhouse, T rd. w. and rd. n. e.	40 14 17.0	82 56 22.7
Cheshire, road north	40 14 19.9	82 57 41.0
Cheshire, Whitman's store	40 14 20.1	82 57 45.3
Cheshire, 1 mi. w. of, state road north-south	40 14 22.4	82 58 45.8
Near west border of quadrangle south along highways		
Road west to Berlin station (on Marengo quad.)	40 15 16.6	82 59 35.1
T. 4 N., R. 18 W., ¼ Ts. 2, 1, 4, and 3	40 14 58.2	82 59 11.9
Cheshire, 1 mi. w. of, State road n.-s.	40 14 22.4	82 58 45.9
Crossroads	40 12 59.2	82 59 04.8
Crossroads	40 11 54.2	82 59 24.0
T. 3 N., R. 18 W., cor. of ¼ Ts. 2, 1, 4, and 3	40 10 26.2	82 59 31.8
Crossroads	40 09 26.0	82 59 42.3
Road east	40 08 44.7	82 59 58.4
Road crossing, Penn. Ry	40 01 58.6	82 59 52.6
Mock road crossing, e.-w., Penn. Ry	40 00 54.1	82 59 47.9
Columbus, intersection of N. 4th St., and Wyandotte Ave.	40 00 36.3	82 59 53.4

West Manchester Quadrangle

Gordon to Arcanum via Dayton & Union Ry.

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Gordon, crossing of street car line and road	39 55 58.0	84 30 37.7
Milepost 23, e.-w. road +ing 1,000 ft. n. of	39 56 49.8	84 31 16.5
Mileposts 24 and 25, e.-w. road +ing between	39 57 41.5	84 31 55.8
Mileposts 25 and 26, e.-w. road +ing between	39 58 33.6	84 32 35.2
Arcanum, +ing on Big Four Route	39 59 16.3	84 33 07.5
Arcanum, road +ing east-west	39 59 19.8	84 33 10.1
Near west border of quadrangle north along highways		
T. 8 N., R. 1 E., cor. of secs. 23, 24, 25, and 26; T road e.	39 46 23.4	84 43 18.6
Azimuth of Penn. Ry. between these two positions, 112° 19′		
T. 8 N., R. 1 E., cor. of secs. 13, 14, 23, and 24; +roads	39 47 16.8	84 43 20.1
T. 8 N., R. 1 E., cor. of secs. 11, 12, 13, and 14	39 48 08.9	84 43 21.4
T. 8 N., R. 1 E., cor. of secs. 1, 2, 11, and 12; T road w.	39 49 01.1	84 43 21.5
Ebenezer (Gettysburg), T road s. at	39 50 26.1	84 43 22.3
T. 9 N., R. 1 E., cor. of secs. 23, 24, 25, and 26; T road e.	39 51 28.6	84 43 22.6
T. 9 N., R. 1 E., cor. of secs. 13, 14, 23, and 24; T road s.	39 52 21.6	84 43 22.6

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T road west	39 52 52.7	84 44 18.6
T. 9 N., R. 1 E., corner of secs. 1, 2, 11, and 12; +roads	39 54 07.5	84 43 24.2
Tps. 9 & 10 N., R. 1 E., cor. of secs. 1, 2, 35, and 36; T rd. e	39 55 00.6	84 43 24.3
New Madison, +roads 2½ mi. s. of	39 55 50.2	84 43 22.7
T. 10 N., R. 1 E., cor. of secs, 23, 24, 25, & 26; T road e	39 56 45.9	84 43 21.3

Near New Madison along Pennsylvania Ry.

New Madison, road +ing 200 ft. s. w. of	39 58 08.5	84 42 41.0
Road crossing northwest-southeast	39 58 39.1	84 41 48.0
Penn. Ry., crossing of	39 59 23.0	84 41 02.3

Near north border of quadrangle via Cleveland, Cincinnati, Chicago & St. Louis Ry.

T. 10 N., R. 2 E., cor. of secs. 4, 5, 8, and 9	39 59 23.4	84 40 17.2
Savona, crossing of Cincinnati Northern Ry	39 59 12.7	84 39 43.6
Road crossing north-south	39 59 13.0	84 39 10.1
Road crossing north-south	39 59 13.7	84 37 53.0
Greenville-Lewisburg pike crossing	39 59 14.3	84 36 48.0
Private road crossing	39 59 15.0	84 35 28.4
Road crossing north-south	39 59 15.5	84 34 35.5
Arcanum, crossing on Dayton & Union R. R	39 59 16.3	84 33 07.5
Road crossing north-south	39 59 16.8	84 32 03.7
Road crossing north-south	39 59 17.3	84 30 56.4

West Salem Quadrangle

Jeromeville to northwest corner of quadrangle along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Ashland & Western Ry., crossing on, near Jeromeville	40 47 57.9	82 11 37.0
Crossroads	40 49 39.8	82 12 36.5
Crossroads	40 52 15.7	82 12 41.8
Crossroads, near line between Tps. 22 and 23 N.	40 54 03.7	82 12 47.5
Polk, Erie Ry. crossing	40 57 00.7	82 12 53.1
Crossroads	40 58 25.9	82 12 54.4
Crossroads on Medina Co. line	40 59 31.7	82 13 22.8

Near south border of quadrangle east along highways

Road north	40 46 18.8	82 13 51.5
Road south	40 46 18.1	82 12 45.8
Crossroads	40 46 14.0	82 11 03.6
Road north	40 45 41.6	82 09 22.5
Lakefork, forks of road (on Loudonville quad.)	40 44 54.8	82 08 25.7

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Road crossing of A. & W. Ry. at Funk	40 45 13.7	82 06 50.0
Blachleyville, street crossing	40 45 51.0	82 04 54.0

Erie crossing to Overton via Lodi and Millesburg branch of B. & O. Ry.

Erie crossing	40 59 19.4	82 01 32.7
Road crossing at flag station	40 57 08.3	82 01 26.7
Armstrong flag station	40 54 42.0	82 00 33.0
Overton flag station	40 51 51.0	82 00 31.3

West Union (Seaman) Quadrangle

Unity via Tranquillity to Mayhill along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Unity, about 1.2 mi. s. e. of, at s. w. cor. of T rd. s. at C. F. Campbell's res., 20 feet e. and 20 ft. n. to cen. of T road; iron post stamped **"Prim. Trav. Sta. No. 13. Ohio, 1910"**	**38 53 03.2**	**83 30 12.2**
Unity, spire of church (Coast Geodetic Sur. △ sta.)	38 53 30.09	83 31 18.12
Unity, center of crossroads	38 53 30.2	83 31 25.1
Unity, 1 mile north of; center of crossroads	38 54 23.8	83 30 58.4
Schoolhse. 27, cen. of forks of rd., 10 ft. n. w. to ash stump	38 54 58.2	83 30 47.0
Newport, 2 mi. s. w. of; center of +ing of Peebles road and north-south road	38 55 28.4	83 30 47.7
J. S. Montgomery's mail box, center of T road east	38 56 32.6	83 31 36.0
Tranquillity, about 0.8 mile s. w. of; Seaman-Tranquillity pike at rd. e., 15 ft. e. to n. end of picket fence	38 57 16.2	83 32 19.3
Tranquillity, T rd. n. w. at postoffice and store, 20 feet s. to s. w. corner of store porch	38 57 43.3	83 31 59.8
Fairview schoolhouse, stone at T road southeast	38 58 48.4	83 30 52.5

Dunkinsville to West Union along pike

Schoolhouse, north end of covered bridge at forks of road	38 49 59.0	83 30 11.4
West Union, 1.5 miles n. e. of; Peebles road at road n. w.	38 48 37.5	83 31 19.9
West Union, mon. in Odd Fellows Cem. (C. & G. Sur. mark)	38 47 54.6	83 31 53.4
West Union, Children's Home (C. and G. Survey △ sta.)	38 47 42.63	83 32 08.86
West Union, cen. of +ing of Mulberry and Second Sts.	38 47 44.4	83 32 37.7
West Union, 2 mi. s. e. of, near Trotter schoolhouse on n. side of Wrightsville rd. at rd. n., at e. end of brdg. over Beasleys Fork, 40 feet s. and 10 ft. e. to T rd.; iron post stamped **"Prim. Trav. Sta. No. 14. Ohio, 1910"**	**38 45 56.7**	**83 31 23.2**
Point on Wrightsville road near township line	38 45 16.4	83 31 09.7

Unity west to point near Russellville, thence north to Tate △ station along highways

Unity-Harshasville pike at road northeast	38 54 08.7	83 32 11.3
Harshasville, center of T pike south at Williamson's store.	38 54 27.7	83 32 34.5

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Harshasville, 1.3 miles west of; center of cross pikes.....	38 54 37.7	83 33 55.2
Covered bridge over Graces Run, near forks of pike at old blacksmith shop.....	38 54 56.3	83 34 30.2
Cherry Fork, 1 mi. n. and 1 mi. e. of; cen. of pike at T rd. s. e.	38 54 04.4	83 35 37.4
Cherry Fork, in north part of town, cen. of T street east..	38 53 16.0	83 36 52.7
Cherry Fork, center of steel bridge over Cherry Fork.....	38 53 04.3	83 36 53.8
Eckmansville, in w. part of town, near n. w. cor. of T rd. w., just s. of gate to W. C. Morrison's yard, 35 ft. s. & 25 ft. e. to cen. of T rd.; iron post stpd. **"Prim. Trav. Sta. No. 21. Ohio, 1910"**.....	**38 51 57.5**	**83 38 42.3**
Eckmansville, spire of church (C. & G. S. triangulation sta.)	38 51 50.03	83 38 34.63
Eckmansville, 2 mi. w. of, old State rd. at T rd. e. at F. M. Eyler's farm, 10 ft. w. to John W. Bailey's mail box....	38 52 00.6	83 40 58.8
Center of crossing of old State road and Ripley road.....	38 53 06.6	83 40 33.3
Adams-Brown county line stone on north side of road....	38 53 05.1	83 41 05.4
J. W. Marshall's residence, Ripley road at road west. .	38 52 50.9	83 42 00.4
Center of T rd. e. at large hickory tree, about 800 ft. n. e. of covered bridge.....	38 52 54.3	83 43 20.4
Center of Ripley road at Jackson-Jefferson township line..	38 52 26.2	83 44 19.7
Russellville, 2 mi. e. and 0.5 mi. n. of, near s. e. cor. of Baird schoolhouse grounds, 25 ft. s. and 25 ft. e. to cen. of roads; iron post stamped **"Prim. Trav. Sta. No. 22. Ohio. 1910"**	**38 52 21.4**	**83 44 31.1**
Near northwest corner of quadrangle		
Macon, 1 mile southwest of; center of crossroads.....	38 57 19.7	83 44 58.5
Near southwest corner of quadrangle		
Hickory Ridge Church, cen. of ing on n.-s. pike & e.-w. rd.	38 45 07.1	83 42 48.6
Bowman's store, cen. of covered bridge over Eagle Creek.	38 46 11.1	83 42 54.2
Eagle Chapel, center of T pike west.....	38 46 30.4	83 42 34.8
Front gate to cemetery.....	38 46 45.7	83 43 21.6
Highland stock farm, cen. of ing on Decatur pike & n.-s. rd.	38 47 14.1	83 44 56.3
Near north border of quadrangle west along highways		
Buckrun schoolhouse, 700 ft. s. of, on Hillsboro rd., at rd. w., 20 ft. n. and 10 ft. w. to s. e. corner of yard.....	° ′ ″ 38 59 08.4	° ′ ″ 83 34 48.1
Calvary Church, 0.3 mi. s. of; 2 mail boxes at forks just n. of blacksmith shop.....	38 59 45.6	83 36 50.0
T road northwest, center of.....	38 58 49.4	83 37 24.7
T road northeast, cen. of; 20 ft. n. to corner of gatepost...	38 59 17.3	83 38 34.4
Emerald, 0.5 mi. e. of; at n. e. cor. of T road n.; iron post stamped **"Prim. Trav. Sta. No. 85. Ohio. 1909"**.....	**38 59 51.0**	**83 38 52.8**
Adams-Brown county line, center of road at.....	38 59 58.4	83 40 30.9
Schoolhouse, 0.2 mile south of; center of crossroads.....	38 59 31.3	83 41 25.4
Fincastle, 1 mile west of; center of T road north.....	38 59 49.6	83 43 43.4

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Near south border of quadrangle

	° ′ ″	° ′ ″
Bentonville, 1 mi. w. of; in n. e. cor. of pasture at s. w. cor. of, T rd. s., 30 ft. e. & 20 ft. n. to cen. of T rd.; iron post stamped "Prim. Trav. Sta. No. 18. Ohio, 1910"	38 45 15.3	83 37 55.7

Wooster Quadrangle

In north part of quadrangle west along Erie R. R.

Stations	Latitude	Longitude
Road - ing ½ mi. w. of milepost 217 (on Massillon quad.)	40 59 46.5	81 44 54.5
Rittman station	40 58 06.4	81 46 54.2
Sterling, crossing on B. & O. Ry	40 58 10.9	81 50 51.7
Creston station	40 58 56.6	81 53 32.2
Road crossing 370 feet east of water tank	40 59 22.8	81 57 29.2
Burbank station	40 59 24.2	81 59 49.1
Near Wooster along Baltimore & Ohio Ry.		
Road crossing 600 feet south of water tank	40 48 38.1	81 58 50.0
Wooster fair grounds, south meridian mark	40 47 50.3	81 57 02.5
Wooster fair grounds, north meridian mark	40 47 55.6	81 57 02.5
Wooster station, Baltimore & Ohio Ry.	40 47 43.6	81 56 54.1
Wooster to Orrville via Pennsylvania Ry.		
Baltimore & Ohio overhead crossing	40 46 32.6	81 56 46.7
Wooster station	40 47 57.0	81 55 53.8
Stone arch culvert 1,040 feet north of milepost 132	40 49 09.8	81 53 18.6
Smithville station (Weilersville)	40 50 25.5	81 51 39.9
Road crossing about one-third mile east of water tank	40 49 46.0	81 48 34.0
Orrville, crossing of Penn. and C. A. & C. railroads	40 50 22.1	81 46 04.8

Meridian Marks

Wooster, on the Wayne county fair grounds; a marble post 36 by 6 by 9 inches set 34 inches in the ground, in the center of top of which is cemented a bronze meridian tablet. Reference marks: Center of judges' stand, 129 feet distant; true azimuth, 181° 31′; tree, 426 feet distant; azimuth, 104° 00′.

Distant mark: 539.4 feet north of station mark, 40 feet from inside edge of race track, a marble post 36 by 6 by 9 inches; set 34 inches in the ground, in the center of top of which is cemented a bronze meridian tablet. Reference marks: Center of judges' stand, 413 feet distant; true azimuth 356° 25′; 601 feet distant; azimuth, 43° 25′.

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Xenia Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
Xenia, 4 mi. n. of; intersec. of Xenia-Fairfield pike & rd. w.	39 44 55.7	83 56 30.4
Oldtown, 1 mi. n. of; Penn. Ry., east-west crossing.....	39 44 38.3	83 55 49.4
Cedarville, +ing on Penn. Ry. *Azimuth of railroad 235° 24'*	39 44 23.7	83 48 20.9
Schoolhouse, crossroads	39 43 05.1	83 46 31.9
Schoolhouse, 1.25 mi. northeast of; T road northwest	39 43 22.4	83 45 11.3
Near south border of quadrangle west along highways		
T road north.....	39 30 03.0	83 48 04.1
Intersection of roads.....	39 30 05.5	83 48 56.7
Gurneyville, crossroads 1 mile southeast of.....	39 30 24.8	83 51 29.9
Gurneyville, crossroads.....	39 30 53.2	83 52 37.3
T road north.....	39 31 13.4	83 53 43.5
Along Detroit, Toledo & Ironton R. R.		
Private road crossing.....	39 31 14.2	83 54 28.9
Crossing of north-south road.....	39 30 42.9	83 55 14.3
Kingman road crossing (on Blanchester quad.).....	39 29 58.9	83 56 21.7
Near west border of quadrangle north along highways		
W. W. Mills's residence, center of cross pikes	39 30 35.6	83 57 52.3
T road north, 20 ft. north to south end of steel bridge...	39 31 28.2	83 58 48.5
Warren-Clinton county line, stone on hillside on s. side of pike, s. w. of bridge over branch.....	39 31 25.9	83 58 52.1
Briar schoolhouse, 0.25 mi. n. of; stone cor. at crossroads	39 32 19.0	83 58 26.0
Fork in pike, 25 feet east to corner of fence post..	39 33 21.7	83 57 52.4
New Burlington, center of cross streets at postoffice	39 34 04.1	83 58 01.0
New Burlington, 0.5 mi. w. of; stone monument at intersection of Clinton, Warren, and Greene counties.....	39 34 10.3	83 58 36.3
New Burlington, 1 mi. west of, at Cornstalk schoolhouse; center of cross pikes.....	39 34 14.2	83 59 08.5
Fairview schoolhouse, 1.5 mi. north of; center of T pike w.	39 35 40.4	83 59 37.3
Spring Valley, 1 mi. east of; center of T pike south	39 36 25.7	83 59 27.2
Xenia, 4.5 miles s. w. of; T road s. e. at guidepost marked "Bellbrook 4½ miles, Xenia 4½ miles".....	39 38 24.3	83 59 52.6
Xenia, 3.5 mi. s. w. of; on lower Bellbrook pike. at pike. n.w.	39 39 15.3	83 58 47.5
T road southwest at R. F. Harper's residence.....	39 39 52.8	83 59 41.8
Rural Home schoolhouse No. 9, 0.5 mile s. of, on upper Bellbrook pike; pike north.....	39 40 43.4	83 59 18.7
Trebeins, at station, n. end of wagon bridge over Little Miami River; center of crossroads.....	39 42 29.5	83 59 15.8
T. 3, R. 7, cor. of secs. 8, 9, 14, 15; cen. of n.-s. rd. at fence e.	39 43 46.2	83 59 20.3

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T. 3, R. 7, corner of sections 9, 10, 15, and 16	39 44 38.9	83 59 15.1

Through center of quadrangle east along highways

Spring Valley, about 1.7 mi. n. e. of; e.-w. rd. at center of Cincinnati pike, 25 ft. n. and 20 ft. w. of mail box	° ′ ″ 39 37 32.3	° ′ ″ 83 59 07.2
Richland Church, T road west	39 37 30.2	83 57 39.0
Richland schoolhouse, 0.2 mi. e. of; on Xenia-New Burlington pike at pike west	39 37 21.2	83 56 53.1
Xenia-Spring Valley township-line stone, at T road west	39 37 17.8	83 55 10.6
Caesars Creek, s. of cov. brdg. over; n.-s. pike. at rd. w.	39 37 24.9	83 54 08.2
Maple Corner, about 5 mi s. e. of Xenia s. e. cor. of +rds. at Reformed Church and schoolhouse; iron post stamped **"Prim. Trav. Sta. No. 54. Ohio, 1909"**	**39 36 31.6**	**83 54 23.3**
Xenia, 5 mi. s. e. of, on Xenia-Wilmington pike, at intersection of crossroad	39 36 49.5	83 53 11.7
Needmore schoolhouse, 600 ft. e. of; center of T roads	39 36 59.9	83 51 36.0
Mount Tabor Church, 0.2 mi. w. of; at Harvey Field's res., center of grass plat at forks in roads	39 37 24.6	83 50 00.3
T road south	39 37 35.8	83 48 24.3
Patterson's Corners, 1.3 mi. s. w. of; intersec. of pike & rd. s.	39 37 47.1	83 47 16.5

Near east border of quadrangle along highways

Patterson's Corners, center of crosspikes	39 38 12.0	83 46 13.1
T road southwest	39 42 32.7	83 46 14.0
Schoolhouse, center of crossroads	39 43 05.0	83 46 32.1
Cedarville, about 3 mi. s. e. of, near n. w. corner of T rd. n. w.; iron post	39 43 22.4	83 45 12.2
T road northwest	39 43 22.4	83 45 11.3
Port William, 2 mi. s. e of; center of crossroads	39 31 45.4	83 45 59.4
Port William, 2.5 mi. s. of; at J. Atley's res.; cen. of T rd. e.	39 30 58.5	83 47 00.0

Youngstown Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
Crossroads	41 12 19.4	80 44 25.2
T rd. e., 25 ft. n. w. to Hayrick's mail box, 27 ft. s. w. to front yard gate	41 13 26.2	80 44 25.4
Crossroads, in s. w. cor. of Z. T. Ewalt's garden on n. side of rd. just w. of, n. w. cor. of foundation of Ewalt's new house bears N. 43° 30′ W., dist. 83.6 feet., s. w. cor. of founda. to porch of Ewalt's old house bears S. 89° 10′ E., dist. 208.6 ft. iron post stamped **"Prim. Trav. Sta. No. 33"**	**41 14 18.0**	**80 44 27.9**
T rd. n. at shops, 28 ft. n. w. to mail box, 42 ft. n. e. to s. w. corner of blacksmith shop	41 14 12.8	80 42 45.7
Schoolhouse No. 7, T road north	41 14 17.8	80 41 24.3
Vienna crossroads, T. 4 N., R. 2 W.	41 14 15.9	80 39 49.7

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	° ′ ″	° ′ ″
Vienna, 1.5 mi. e. of, in n. e. cor. of Newman's farm at + rds. nail in w. part of large maple tree on n. side of rd. bears N. 64° 20′ E., dist. 110.4 ft., cross on s. end of stone culvert bears N. 75° 30′ W., distant 96.7 ft.; iron post stamped **"Prim. Trav. Sta. No. 41"**	**41 14 15.7**	**80 38 11.5**
Paynes Corner, rds., 42 ft. n. w. to guidepost, 30 ft. s. w. to w. end of stone culvert	41 14 13.2	80 37 01.6
T. 4 N., R. 1 W., T rd. n., 19 ft. n. e. to e. end of box culv.	41 14 09.2	80 35 50.2
Brookfield, T rd. n., 33 ft. n. w. to guideboard on tel. pole, 36 ft. south to iron pump	41 14 02.7	80 34 05.5
Schoolhouse, rd. n. w. about 600 ft. e. of, 35 ft. n. to guide post, 24 ft. s. to cross on fence	41 14 07.6	80 31 55.9
Sharon, on High Street in w. part of; Ohio-Pennsylvania State boundary monument No. 51	41 13 55.1	80 31 09.2
Near south border of quadrangle west along highways		
Ohio-Pennsylvania State line monument No. 65⅓	41 01 27.3	80 31 08.9
Lowellville, 1 mi. s. of, T. 1 N., R. 1 W., T rd. n. at schoolhse.	41 01 25.9	80 32 37.6
Crossroads at schoolhouse, cor. of secs. 34, 35, 42, and 43, 36 feet s. e. to guidepost, 33 feet n. w. to post	41 01 25.5	80 34 03.2
Poland, 1 mi. e. of; T. 1 N., R. 1 W., T rd. n., 24 ft. n. e. to mail box, 30 ft. south to + on corner fencepost	41 01 25.1	80 35 29.5
Poland, T rd. n. e. at Bishop's Hotel, 33 ft. e. to lamp-post, 39 feet north to hotel signpost	41 01 25.3	80 36 49.8
Poland, 1 mi. w. of, in s. e. cor. of Joseph Hitchcock's farm, at rds., iron guidepost bears S. 89° 25′ W., dist. 58.6 ft., s. w. cor. of Hitchcock's residence bears S. 38° 15′ W., dist. 173 ft.; iron post stamped **"Prim Trav. Sta. No. 42"**	**41 01 27.5**	**80 38 04.0**
Oakland, road crossing on Youngstown Southern Ry.	41 01 27.6	80 39 18.3
Boardman, 1 mi. w. of; schoolhouse, T road north, 32 ft. n. w. to John Hitchcock's mail box, 20 ft. n. e. to n. w. cor. of culvert	41 01 28.2	80 40 55.7
Canfield, crossroads 2½ mi. e. of, 19 ft. s. e. of mail box, 42 feet northwest to on fence post	41 01 28.7	80 42 40.8
Canfield, crossroads at schoolhouse 1.5 miles east of	41 01 29.0	80 44 13.2

Zaleski (Nelsonville) Quadrangle

Near Barton triangulation station

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Blackjack, T rd. s., 30 ft. s. to guidepost, 34 ft. west to north end of water trough	39 28 05.1	82 29 30.0
Barton triangulation station, on a flat cultivated ridge in sec. 18, Washington township, owned by Wm. Barton, who lives 0.25 mi. w. of sta.; marble post 30 by 6 by 6 in. set 28 in. in ground over an earthenware pyramid,[a] top of post marked "U. S. C. & G. S."	39 26 22.32	82 29 46.50

[a] Reference marks consist of 3 marble posts, 30 by 4 by 4 inches, as follows: (1) True azimuth 99° 53′, distant 140.25 feet; (2) true azimuth 54° 31′, distant 175.8 feet; (3) true azimuth 338° 12′, distant 437.75 feet.

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Zanesville Quadrangle

Near north border of quadrangle east along highways

Stations	Latitude	Longitude
	° ′ ″	° ′ ″
Gratiot, 2.5 mi. n. of, 2.5 mi. e. of Clark's blacksmith shop, T rd. s., 30 ft. s. e. to large chestnut tree, 17 ft. n. e. to + on rail fence	39 59 05.1	82 13 15.9
Licking-Muskingum county-line, rail fence n. s.; center of rd., 25 ft. south to west end of hedge fence	39 59 12.2	82 11 48.5
G. W. Fisher's mail box at Newark, road to northwest	39 59 16.6	82 11 05.7
J. Riggles's mail box, center of small bridge	39 59 24.1	82 10 08.7
E. T. Smith's mail box, s. e. corner of iron bridge	39 59 53.0	82 09 20.8
Pleasant Valley Station, 2 mi. s. w. of, just s. of Mapdonia Church, in n. e. corner of lot, in front of S. W. Wincia's res., iron post stamped **"Prim. Trav. Sta. No. 53. 1905"**	**39 59 47.1**	**82 08 24.2**
Dillon station, 0.75 mi. n. of, on e. side of river; T road e., 25 ft. s. e. to + on board fence, 27 ft. n. e. to + on cor. fence post	39 58 49.6	82 03 05.6
Harris's farm, crossing of Frostburg rd. and e.-w. rd., 33 ft. s. w. to + on telegraph pole, 27 feet n. e. to + on telegraph pole	39 58 46.5	82 01 01.8
Zanesville, 2 mi. n. of; J. N. Blair's farm, T rd. w., 33 feet n. w. to + on board fence, 16 ft. e. to + on gatepost	39 58 45.0	82 00 14.7
Near Zanesville along Wheeling & Lake Erie Ry.		
Zanesville, Monroe Street bridge over railroad	39 57 05.5	82 00 06.0
Licking Creek, center of terminal Ry. bridge over	39 56 30.6	82 01 23.1
J. B. Owen Pottery Co. plant, just s. of, rd. + ing under trestle	39 55 35.4	82 01 43.6
Moxahala Creek, road crossing just n. of bridge over	39 54 15.9	82 00 14.4
Near southeast corner of quadrangle along highways		
Muskingum-Morgan Co. line, center of road, 30 feet due east to dead beech tree at corner of fence	39 46 05.9	82 00 15.6
Morgan County line, 0.33 mile south of, stone at + roads, 25 ft. s. to + on fence post, 54 ft. n. e. to cor. of barn.	39 45 50.7	82 00 20.6
Muskingum-Morgan Co. line, 0.5 mi. s. of, in s. e. cor. of found. to brickhouse of N. H. Pletcher on the Dillon-Dovertown road; alum. tab. stamped **"Prim. Trav. Sta. No. 64. 1905"**	**39 45 43.0**	**82 00 31.1**
Doverton, 1.5 mi. n. e. of, at Charles Bush's res.; T rd. e., 40 ft. to C.A. Pletcher's mail box, 9 ft. s. to w. end of box culv.	39 45 01.4	82 01 18.7
Near Dillon along B. & O. Ry.		
Milepost 84, 900 ft. w. of; private-road crossing	39 59 38.0	82 05 07.9
Milepost 83, center of track opposite	39 58 57.7	82 04 09.9
Dillon station, road crossing	39 58 17.0	82 03 30.8

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PART III

Elevations Above Sea-level

Arranged by Quadrangles

See Blue Map in Pocket

Note: The following elevations are in accordance with the United States final adjustment of 1912.

Figures stamped on tablets and printed on the engraved topographic sheets are merely for purposes of identifying points in the field. The true elevations are those herewith printed in the columns at the right of pages following.

Elevations not otherwise credited have been determined by the United States Geological Survey.

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Akron Quadrangle

Hudson along highway west to Peninsula, thence south via Everett to Akron

	Feet
Peninsula, in n. w. corner of City Hall, **aluminum tablet** "711 Cleveland"....	**711.167**
Everett, east side of lock, in third stone from south gate, chiseled cross...	719.97
Ira station or Hawkins postoffice, iron bridge over Cuyahoga River, northwest stone pillar, **chiseled cross**, in top stone.....	**729.722**
Botzum, in northeast stone abutment of bridge over Ohio Canal, **aluminum tablet** stamped "753 Cleveland".....	**752.890**
Cranmer, flag station; 1000 feet north of; southeast stone abutment of road bridge over canal, in second step from bottom, chiseled cross.....	765.99
Akron, 1.5 mi. n. of; 5th Lock n. of W. North St., in n. e. cor. of stone wall, chiseled cross	787.90
Akron, 175 feet west of Howard Street station; iron bridge of C. T. & V. Ry. over Howard Street, in southeast stone abutment, chiseled cross	884.62

Akron along highway west via Copley to Sharon Center, thence north to West Richfield, thence east to Peninsula

Copley, 1.2 miles east of; iron bridge over Pigeon Creek, Northern Ohio Ry., crossroad 20 feet east, s. e. corner of stone abutment, chiseled cross....	976.59
Copley, in s. w. cor. of Disciples Church, **aluminum tablet** "1049 Cleveland"..	**1049.163**
Copley, 1.25 mi. w. of; in northwest cor. of road forks, 75 ft. e. of rd. ing n. and s., house of E. Bigelow in s. top stone to small culv., chiseled	1081.76
Copley, 2.25 mi. w. of; at s. e. cor. of J. M. Andrew's house, n. w. cor. of forks of road on Medina and Summit county line, culv. cut in large top stone.	1044.03
Sharon Center, 1 mile e. of; Sharon Twp., e. side of rd., s. w. cor. of foun. of barn owned by Jennie Hollinger, **aluminum tablet** "1044 Cleveland".....	**1043.707**
Granger, 1.25 mi. e. of; Granger Twp., s. e cor. of forks of rds., in s. side of top stone to stone culvert, **aluminum tablet** stamped "1072 Cleveland" ...	**1072.311**
Richfield Center, 1 mi. s. of; w. side of road, 1100 ft. n. of forks of Medina-Brecksville road, top of culvert, chiseled cross	1224.20
West Richfield, in s.e. cor. of Carter House, **aluminum tablet** "1279 Cleveland"	**1279.027**
Peninsula, 2 miles west of; south side of road, at forks east, west, and northeast, in top stone to culvert, chiseled cross.....	1096.37

East Akron southwest along highway to Barberton, thence along Erie Railroad west to Wadsworth, thence along highway north to Sharon Center

Akron, northeast corner of east porch of county jail, **aluminum tablet** stamped "1027 Cleveland" (on checked spur line)	**1027.182**
Barberton, 1.5 miles north of; at Lawndale, in southeast corner of stone bridge, with iron hand rails over drain east of, chiseled cross.....	965.61
Barberton, Barberton Inn, at right side of main entrance stairway to, in face of support to veranda, **aluminum tablet** stamped "981 Cleveland".....	**981.269**
Barberton, 1.5 mi. w. of sta.; Erie Railroad milestone 210, chiseled on top	1012.70
Sherman, 35 feet east of Erie station; milestone 212, in top of; **bronze tablet** stamped "1085 Cleveland"	**1085.476**
Wadsworth, Wadsworth National Bank, 1 foot south of doorway, in face of foundation stone; **bronze tablet** stamped "1170 Cleveland"..	**1170.404**
Wadsworth, 4 miles north of; at southeast corner of crossroads, in top of large stone post, chiseled cross.....	1089.27

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	Feet
Sharon Center, Sharon township, at southwest corner of Universalist Church, in face of stone foundation, **bronze tablet** stamped "1128 Cleveland" (This bench mark set on a single spur line)	**1127.748**

Akron southwest to Barberton (Precise Line)

Akron, Summit Co., 600 ft. e. of Union Sta., in e. end of retaining wall on n. side of tracks; **copper bolt** (B. & O. B. M. 441)	**1009.189**
Akron, 1 mi. s. w. of Union station, in s. w. end of n. w. coping of culvert along C. A. & C. Ry. tracks; **copper bolt** (B. & O. B. M. 442)	**993.911**
Akron, 3.5 mi. s. w. of; on C. A. & C. Ry. bridge over old canal; **copper bolt** (B. & O. B. M. 443)	**976.936**
Barberton station; s. e. corner of **stone doorsill** at entrance of ladies' waiting room (B. & O. B. M. 444)	**968.109**

Alger Quadrangle

From Foraker west to point 4 miles east of Lima along Erie Ry.

Foraker, at southwest corner of **T** road west, opposite schoolhouse; highest point on east iron drain under pike	970.85
Foraker, 160 feet s. w. of station, 100 feet s. e. of Seymor's elevator, 20 ft. e. of public road; top of bolthead in n. e. cor. of found'n of platform scales.	976.40
Foraker, 1.1 miles west of, on Erie Ry., on east abutment south side of bridge over Scioto River; chiseled square	974.98
Foraker, 2.5 miles west of, 40 feet west of railroad crossing; chiseled square on east abutment, north side of iron bridge	973.08
McGuffey, Erie Ry. bench mark No. 1 (Railroad elevation 981.06)	981.25
McGuffey, 350 ft. w. of station; spike in base of telegraph pole, marked "35"	977.31
McGuffey, 1 mi. w. of, 300 ft. e. of pole "36"; spike in base of teleg. pole	982.19
Alger, 1.2 mi. e. of, 10 ft. n. of railroad right of way, in cleared field, 15 ft. n. of Erie Ry. bench mark No. 10, 150 feet east of telegraph pole marked "3630"; copper bench mark nail in top of white oak stump	977.29
Alger, in s. w. cor. of Marion twp. building yard, 150 feet n. of station, 100 feet south of Exchange Hotel; **iron post** stamped "978 Ohio"	**978.447**
Alger, 50 ft. w. of station; spike in telephone pole, (Erie Ry. B. M. 927.29)	977.44
Alger, 0.6 mile west of, on east abutment, north side of iron girder bridge No. 29 over Cottonwood ditch; chiseled square	979.91
Alger, 1.5 mi. w. of, in base of telegraph pole marked "39-20"; iron spike	989.87
Alger, 2 mi. w. of, on property line of Erie Ry., 30 ft. w. of cen. of public rd.; copper B. M. nail in root of water maple tree 14 inches in diameter	991.14
Alger, 3 mi. w. of, 2 feet south of north property line, 30 feet west of public road at crossing; **iron post** stamped "1001 Ohio"	**1001.281**
Harrod, at northwest cor. of intersec.of Walnut and Railroad Sts., 300 ft. n. w. of station; chiseled square on concrete sidewalk	986.58
Harrod, at road crossing north end of station; top of rail	991.7
Harrod, 1 mi. w. of, at first railroad crossing, 60 ft. n. of railroad, 25 inches w. of public road; spike in top of corner fence post	999.99
Erie Ry. B. M. 996.26	996.51
Harrod, 2 miles west of, 40 feet south of railroad, 20 feet east of public road at crossing; spike in base of 1-foot hickory tree	996.73

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	Feet
Harrod, 2.8 mi. w. of, on n. side of Ry., 350 ft. w. of telegraph pole marked "44-30"; spike in base of telegraph pole (Ry. B. M. value not known)...	1003.76
Westminster Sta., 0.4 mi. e. of, n. w. corner of switch stand opposite switch block; spike	990.02
Westminster Sta., 160 ft. w. of sta., 50 ft. e. of public road; spike in base of telegraph pole (Erie Ry. B. M. No. 63)	974.51
Westminster Sta., 1 mi. w. of, north side of base of telegraph pole opposite Erie Ry. B. M. No. 67; spike on (Lima quad.)	961.49
Erie Ry. B. M. No. 69 (value not known); spike in telegraph pole at rd. +ing (on Lima quad.)	953.30
Erie Ry. B. M. (elevation 948.99) (on Lima quad.)	949.15

From McGuffey to near Harrod south, west, and north along highway

McGuffey, in northeast corner of schoolyard; **iron post** stamped "977 Ohio"	**976.635**
McGuffey, 0.6 mile south of, on south abutment, w. side of iron bridge over Cottonwood ditch, at crossroads; chiseled square	973.84
McGuffey 1.6 miles south of, on south abutment, west side of south twin bridge at crossroads; chiseled square	969.92
McGuffey, 2.5 miles southwest of, 6 ft. w. of northwest corner of iron bridge over Scioto River at T road south; copper B. M. nail in top of piling	970.92
McGuffey, 2.9 mi. s. at n. w. corner of T rd. w., 85 ft. w. of Scioto River, near residence of Harlan Nickels; **iron post** stamped "970 Ohio"	**970.04**
McGuffey, 4 mi. s. w. of; 200 ft. west of residence; spike in base of southwest corner fence post of Jno. Sander's garden	971.64
McGuffey, 5.2 miles southwest of, on south side of road near northwest cor. of section 33, Marion township; spike in base of fence post	991.61
McGuffey, 6.4 miles southwest of, 3.5 miles south of Alger, on Ada pike on east side of road opposite T road west; **iron post** stamped "996 Ohio"	**995.967**
West Newton, 1.8 miles east of, 100 feet north of Eureka schoolhouse, opposite T road north; spike in base of fence post	1018.55
West Newton, 0.8 mi. e. of, opposite T rd. n. near cen. of sec. 31, Marion tp.; spike in base of fence post	1037.06
West Newton, at n. w. cor. of +rds. opposite West Newton postoffice; **iron post** stamped "1047 Ohio"	**1047.311**
West Newton, 0.4 mi. w. of, opposite T rd. w.; spike in base of teleph. pole.	1045.75
West Newton, 1.4 mi. w. of, at entrance to Mt. Zion Baptist Church, 70 ft. e. of +rds.; chiseled sq. on second step from bottom	1041.01
West Newton, 2.4 mi. w. of, 160 ft. s. of +rds.; highest point on s. e. cor. of concrete walk leading to Jos. Clevenger's residence	1045.05
Harrod, 2.7 mi. s. w. of, 200 ft. s. of J. Parker's res.; highest point on west end of cast iron drain under pike	1020.06
Harrod, 2 mi. s. w. of, at n. w. cor. of +rds., 200 ft. n. w. of Auglaize U. B. Church, near southeast corner of n. e. ¼ of sec. 21, Auglaize Tp.; **iron post** stamped "999 Ohio"	**998.496**
Harrod, 1.5 mi. s. of, at T road east, opposite Dist. No. 9 schoolhouse; spike in base of n. e. corner fence post	990.82
Harrod, 1 mi. s. w. of, 100 ft. s. w. of Geo. Chambers' res.; chiseled square on south abutment, west side of iron bridge	972.20

From point 2.3 miles west of West Newton along highways southwest to point 3.2 miles north of New Hampshire thence east to Jumbo

New Hampshire, 7.2 mi. n. of, 50 ft. s. w. of R. C. Cook's res.; spike in base of fence post opposite T road south	1053.65

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	Feet
New Hampshire, 6.2 mi. n. e. of, in n. e. corner of Sugar Tree schoolhouse yard; **iron post** stamped "1065 Ohio"	**1064.747**
New Hampshire, 5.2 mi. n. of, 1 mi. w. of Sugar Tree schoolhouse, 10 ft. n. of s. e. cor. of T rd. s.; highest point on e. end of steel drain under pike	1065.58
New Hampshire, 4.2 mi. n. of, at n. w. corner of +roads., near res. of J. W. Sproul; highest point on west end of steel drain	1069.59
New Hampshire, 3.2 mi. n. of, at n. e. cor. of T road s., 125 ft. n. e. of Willow Branch schoolh., 100 ft. s. of Waynesfield cem.; **iron post** stamped "1041 Ohio"	**1041.296**
New Hampshire, 4.2 mi. n. e. of, 15 ft. n.e. of s. e. cor. of T road s., 425 ft. e. of P. Emerick's residence; highest point on limestone rock	1049.08
New Hampshire, 4.9 mi. n. e. of, on s. e. cor. of porch in front of sub. dist. No. 5 Wayne tp. brick schoolhouse, 280 ft. w. of +roads; chiseled square	1037.86
Holden, 1.8 mi. w. of, at n. e. cor. of +roads; highest point on e. end of 3-foot steel drain	1031.30
Holden, 0.8 mi. w. of, 500 ft. n. of C. D. Means' residence, on s. side of road, 0.25 mi. e. of n. w. cor. of sec. 24, Wayne tp.; **iron post** stamped "1030 Ohio"	**1029.933**
Holden, on s. edge of porch in front of Fletcher M. E. Church; chiseled sq.	1039.79
Holden, 1 mi. east of, on w. side of road opposite T road east, 500 feet west of Street schoolhouse; spike in base of telephone pole	1047.35
Holden, 1.6 miles southeast of, 25 feet south of southwest corner of crossroads near mailbox of J. Bartlett; copper B. M. nail in root of 2-ft. ash tree	1027.76
Holden, 2.6 miles southeast of, at northwest corner of T road west, opposite Hinkle M. E. Church; **iron post** stamped " 1055 Ohio"	**1054.800**
Holden, 3.7 miles east of, at southwest corner of T road south; highest point on old chisel 1 foot above ground in corner fence post	1031.84
Holden, 4.4 miles east of, at northwest corner of porch at entrance to red schoolhouse; chiseled square	1038.70
Holden, 5.2 miles east of, 1200 feet west of John Byrnes' residence; highest point on north end of steel drain under pike	1038.27
Jumbo, 1.2 miles west of, at northeast corner of T road north, 700 feet west of Fairview Cemetery; **iron post** stamped "1043"	**1042.767**
Jumbo, 0.3 miles west of, at entrance to McDonald Christian Chapel; chiseled square on southeast corner of concrete porch.	1084.79
Jumbo, at southwest corner of crossroads, in front of Jumbo schoolhouse; chiseled square on southeast corner of concrete cistern top	1086.62
Belle Center, 4.7 miles northeast of, 1 mi. s. of Jumbo, at n. e. corner of + roads, opposite residence of Fred Crook; **iron post** stamped "1077"	**1077.233**

From point 3.2 miles north of New Hampshire along highways to New Hampshire thence west to point 2 miles north of Gutman

New Hampshire, 2.2 mi. n. of, at s. e. cor. of T road e., 0.25 mi. n. of Lone Oak farm, res. of J. L. Focht; highest point on top of concrete cor. fence post.	1034.65
New Hampshire, 1.1 miles north of, in top of corner fence post at northeast corner of crossroads; copper B. M. nail	1033.18
New Hampshire, at n. e. cor. of sidewalk at s. w. cor. of +rds., opposite post-office; highest point in cen. of letter "O" in name "ROY"	1035.34
New Hampshire, 1.2 mi. w. of, at n. e. corner of T road n.; copper B. M. nail in top of fence post	1029.96
New Hampshire, 2.2 mi. w. of, 1 ft. e. of concrete cor. fence post at n. e. cor. of +roads; copper B. M. nail in top of 4"x 6" brace 4" above ground	1049.12
New Hampshire, 2.7 mi. w. of, 40 ft. s. of cen. of T rd. w.; chiseled square on n. end of w. side of concrete parapet of tile culvert	1040.61

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New Hampshire southeast and east to Belle Center along highways

	Feet
New Hampshire, 1.1 miles s. of, 10 ft. n. of s. w. corner of crossroads; highest point on s. end of steel drain under pike	1034.42
New Hampshire, 1.6 mi. s. of, at entrance to Stokes twp. schoolhouse, (sub. dist. No. 10) 50 ft. s. of line between Auglaize and Logan counties; chiseled square on n. e. corner of porch	1036.42
New Hampshire, 2.4 mi. s. of, 10 ft. s. of n. e. cor. of T rd. e., 650 ft. n. of E. L. Klines' residence; highest point on n. end of steel tile under wagon rd	1029.40
New Hampshire, 3 mi. s. of, at n. e. cor. of T rd. e., opposite residence of W. L. Van Horn; highest point on n. end of 2-ft. steel drain	1015.10
New Hampshire, 3.8 mi. s. e. of, at n. e. cor. of + roads, opposite Van Horn cemetery; **iron post** stamped "1023 Ohio"	**1023.290**
New Hampshire, 4.6 mi. s. e. of, 60 ft. s. e. of T rd. n. near old church, 1000 ft. n. w. of W. McClurg's residence; spike in base of teleph. pole on s. side of rd.	1024.34
New Hampshire, 5.6 mi. s. e. of, 700 ft. w. of Stoe twp., dist. No. 1 schoolhouse; bolt head painted white on top and in cen. of s. girder of iron bridge over Hog Creek	1008.56
Belle Center, 7.3 mi. n. w. of, at Capt. Dunlap's residence, s. side of T rd. n.; **iron post** stamped "Prim. Trav. Sta. No. 91. Elev. 1013"	**1013.057**
Belle Center, 6.3. mi n. w. of, in s. e. cor. of small overhead cattle bridge, 500 ft. s. w. of R. D. Harman's residence; copper B. M. nail	1009.09
Belle Center, 5.1 mi. n. w. of, in yard of L. G. Wilmot; copper B. M. nail in root of 7-foot red oak tree	1007.92
Belle Center, 3.9 mi. w. of, 600 ft. e. of + rds., 750 ft. e. of J. K. Elder's res., 500 ft. n. e. of North Fork schoolhouse, (Dist. No. 6); chiseled □ on w. abutment, south side of small iron bridge	1009.18
Belle Center, 3 mi. w. of, 8 ft. s. of s. fence line in open pasture field, 300 ft. w. of W. Richards' residence; copper B. M. nail in root of 2-foot oak tree	1023.90
Belle Center, 2.5 mi. w. of, 20 ft. s. of s. w. cor. of T rd. w., 100 ft. n. w. of Leroy Bassil's residence, 0.4 mi. n. of Roebuck schoolhouse, (dist., No. 5); **iron post** stamped "1051 Ohio"	**1051.005**
Belle Center, 2 mi. w. of, on w. end of first concrete step from bottom at s. entrance to Roebuck schoolhouse; chiseled square	1054.24
Belle Center, 0.9 mi. w. of, at s. w. cor. of T rd. s.; nail head in top of fence post	1047.17
Belle Center, 0.2 mi. w. of; chiseled square on east abutment, south side of iron bridge over Slow Ditch	1037.71

Alliance Quadrangle

Alliance n. w. along ry. 1.4 mi. thence w. and n. along highway to New Baltimore

Alliance, Keplinger Hotel Building; north face, base stone at northwest corner, **aluminum tablet** stamped "1106"	**1105.001**
Crossing, Pennsylvania Railroad and L. E. A. & W. Railroad, top of rail	1091.7
Crossing, L. E. A. & W. Railroad and C. & P. Railroad, top of rail	1074.9
Marlboro, 3.15 mi. e. by 0.25 mi. s. of; about 200 ft. w. of T rd. s., e. abut., s. brdg. seat of small iron brdg., **aluminum tablet** stamped "1041"	**1040.663**
Marlboro, crossroads; stone building in southwest corner of; in northeast corner of foundation, **aluminum tablet** stamped "1175"	**1174.306**

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Alliance n.e. along railroad, thence n. along highway to Deerfield

	Feet
Deerfield, 3.5 mi. s. of; 1250 ft. n. of L. E. A. & W. Ry. west wing wall, n. abut., small iron bridge, **aluminum tablet** stamped "1063"	**1062.728**

Alliance south along Cleveland and Pittsburg Ry. to Moultrie station and 1.4 miles south of, thence east along highway to New Alexander

Alliance, 1.81 mi. s. of; along C. & P. right of way, highway crossing, 500 ft. s. of; culv., s. abut. e. wing wall, coping stone, **aluminum tablet** stmpd. "1115"	**1115.001**
Homeworth, in front of station; top of rail	1154.3
Homeworth, 450 feet s. of station; Cleveland and Pittsburg bridge No. 22, on n. end of e. coping of twin concrete arch, **aluminum tablet** "1155"	**1155.214**
Homeworth, 1.61 mi. s. of; 75 ft. n. of highway crossing, s. abut. of C. & P. bridge No. 23, east end, coping stone, **aluminum tablet** stamped "1112"	**1111.753**
Moultrie, in front of station; top of rail	1099.8
Moultrie, 1.42 mi. s. of; 1.90 mi. n. of Bayard Jc.; small iron highway brdg. 360 feet e. of C. & P. Ry., w. abut., n. brdg. seat, **aluminum tablet** stamped "1086"	**1085.734**
New Chambersburg, Union Church, in northeast corner foundation, north face, **aluminum tablet** stamped "1256"	**1255.338**

Bridge 68 east of Louisville southeast along highway to Freeburg, thence south along railroad and east along highway to Moultrie station

Alliance, 9.90 miles west of; 93 miles west of Pittsburg, northwest corner of east abutment bridge 68; P. Ft. W. & C. Ry. **B. M**	**1131.642**
Freeburg station, 0.10 mile west of; small bridge, west abutment, south wing wall, **aluminum tablet** stamped "1196"	**1195.721**
Freeburg, in front of L. E. A. & W. Ry. station; top of rail	1203.1
Paris, 580 feet east of station; on public highway, stone culvert, south abutment, west end of coping, **aluminum tablet** stamped "1150"	**1149.780**
Paris, in front of station; top of rail	1190.7
Paris, 1.80 miles south of station; Mt. Pleasant, District No. 7, school bldg., south face, water table, **aluminum tablet** stamped "1103.8"	**1103.435**
Moultrie, 1.8 miles west by 1.5 miles s. of; n. e. corner of crossroads, brick schoolhouse, south face, southwest corner, **aluminum tablet** stamped "1211"	**1210.908**

Alliance northeast along Pennsylvania Ry. to Snodes (precise line)

Alliance, about 1.5 mi. e. of, on Penn. Ry. right of way, e. abut. of bridge 66, on the n. w. corner; **square cut** (C. & G. S. B. M. Bridge 66)	**1096.030**
Alliance, W. Main St., s. e. cor. of Knights of Pythias Hall, in s. face of base stone, ⅓ meter above cement walk; **Red metal disk** (C. & G. S. B. M. Q 6).	**1102.991**
Alliance, n. e. cor. of Freedom and Main Sts., s. w. cor. of the Lewis Block, about 2 in. from n. wall; **iron bolt**, anchored to foundation and extending slightly above the level of cement walk (C. & G. S. B. M. City)	**1105.124**
Alliance, s. e. cor. of Freedom and Court Sts., in front face of city hall, about ⅓ meter from s. side, on horizontal surface of water table; **chiseled square** marked "U. S." (C. & G. S. B. M. R6)	**1119.212**
Alliance, n. side of Penn. Ry. sta., on north west cor. of iron sill of lunchroom door; **chiseled square** (C. & G. S. B. M. Lunchroom)	**1087.490**

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	Feet
Alliance, 1.5 mi. e. of, on Penn. Ry. right of way, n. w. cor. of e. abutment of brdg. 65; **chiseled square** marked "U. S." (C. & G. S. B. M. brdg. 65, 1906)	**1055.009**
Alliance, 1.7 mi. e. of; on Penn. Ry. right of way; n. e. cor. of the e. back wall of brdg. 64; **chiseled square** (C. & G. S. B. M. brdg. 64, 1906)	**1062.428**
Sebring, Mahoning Co., about 0.5 mi. w. of, on Penn. Ry. right of way, n. w. cor. of e. abutment of open culvert; **large square** in outline marked "B. M." (C. & G. S. B. M. west culvert)	**1109.831**
Sebring, 0.5 mi. w. of, on Penn. Ry. right of way, n. w. cor. of e. abut. of box culvert; **chiseled square** marked "B. M." (C. & G. S. B. M. east culvert)	**1106.040**
Snodes, 1 mi. s. of, on Penn. Ry. right of way at milepost 22, in middle of e. coping of concrete culv.; **chiseled square** marked "U. S." (C. & G. S. B. M. S6)	**1090.454**

Alvordton Quadrangle

Stryker east along highways to point 2 miles east of Archbold

Stryker, 1 mi. e. of, at road +ing on e. side of sec. 4, Springfield township; spike in base of telephone pole	716.29
Stryker, 2 mi. e. of, at T road., sec. 3, Springfield township; spike in base of telephone pole	721.87
Stryker, 2.5 miles e. of, at road crossing, cen. of sec. 2, Springfield township; spike in base of fence post	719.44
Stryker, 3 mi. e. of, n. w. corner at T rd. n.; **iron post** stamped "722 Ohio"	**722.168**
Stryker, 4 mi. e. of, at road crossing, e. side of sec. 1, Springfield township; spike in base of telephone pole	725.18
Archbold, 0.5 mi. s. by 1 mi. w. of, at rd. +ing; spike in base of teleph. pole	726.33
Archbold, 0.5 mi. s. of, at T road; spike in base of telephone pole	724.98
Archbold, s. end of town, at head of T rd. e.; **iron post** stamped "736 Ohio"	**736.145**
Archbold, 1 mi. e. of, at s. e. corner of sec. 33, German township, at T road; spike in base of telephone pole	725.16
Archbold, 2 mi. e. of, at road crossing; spike in base of telephone pole	734.38

Point 2.5 miles s. e. of Archbold n. to point about 2 miles n. w. of Eckley

Archbold, 0.5 mi. s. by 2 mi. e. of, s. e. corner of crossroads; spike in base of fence post, marked "734.3"	734.38
Archbold, 2 mi. n. e. of, at L. S. & M. S. Ry. +ing; top of s. rail marked "738.9"	738.96
Archbold, 0.5 mi. n. by 2 mi. e. of, n. w. cor. of +rds., at s. e. cor. of schoolhouse (sub. dist. No. 10); **iron post** stamped "740"	**740.052**
Archbold, 1.5 mi. n. by 2 mi. e. of, at n. w. cor. of +roads; painted square on drain pipe, marked "733.3"	733.39
Eckley, 0.25 mi. s. by 1 mi. w. of, n. w. cor. of +roads, on stone at foot of large willow tree; chiseled square marked "743.8"	743.91
Eckley, 1 mi. n. w. of, at rd. +ing; top of s. rail, marked "743.2"	743.39
Eckley, 0.8 mi. n. by 1 mi. w. of, at n. w. cor. of +rd.; **iron post** stamped "742"	**742.291**

Point 1 mile west of Thelma west along highway to point 2 mi. south of Alvordton

Thelma, 1 mi. w. of, 300 ft. w. of road cor.; top of concrete step	731.14
Thelma, 2.1 mi. w. of, at T road e.; spike in fence post	721.28

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	Feet
Fayette, 2 mi. e. by 2.5 mi. s. of, at s. w. cor. of +rds.; spike in teleph. pole, marked "720.6"	721.08
Zone, 1 mi. n. by 1 mi. e. of, at n. w. cor. of +rds.; spike in teleph. pole, marked "730.1"	730.58
Zone, 1 mi. n. of, at n. e. cor. of crossroads; **iron post** stamped "748"	**748.735**
Zone, 1 mi. n. by 0.8 mi. w. of, at n. e. cor. of T road; spike in fence post, marked "760.7"	761.18
Zone, 1 mi. n. by 2 mi. w. of, at s. w. corner of T rd.; spike in fence post, marked "785.0"	785.48
Alvordton, 3 mi. e. by 2 mi. s. of, at n. e. cor. of T rd.; **iron post** "801 Ohio"	**801.422**
Alvordton, 2 mi. s. by 2 mi. e. of, at s. w. corner of +roads; spike in fence post, marked "816.9"	817.45
Hamer, s. e. cor. of store, at n. cor. of +rds.; found'n stone marked "818.0"	818.56

Point 0.5 mi. s. of Ritters w. via roads to point 2 mi. n. of Alvordton

Fayette, 1.5 mi. n. by 2 mi. e. of, at n. e. cor. of +roads; spike in telephone pole, marked "776.8"	776.89
Fayette, 1.5 mi. n. by 1 mi. e. of, at n. e. cor. of +roads; spike in fence post, marked "794.5"	794.60
Fayette, 1.5 mi. n. of, at s. w. cor. of +rds.; spike in teleph. pole, marked "814.9"	814.98
Fayette, 1.5 mi. n. by 1.8 mi. w. of, at n. w. cor. of +rds.; spike in teleph. pole	836.36
Fayette, 1.5 mi. n. by 2.8 mi. w. of, at n. w. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 23—1905—845"	**844.852**
Fayette, 1.5 mi. n. by 3 mi. w. of, at e. end of n. e. wing of bridge; top of masonry, marked "838.0"	838.07
Primrose, 2 mi. e. by 1 mi. n. of, near lane; spike in fence post	845.43
Primrose, 1.5 mi. e. by 1 mi. n. of, at n. w. cor. of + rds.; spike in fence post, marked "854.7"	854.75
Primrose, 1 mi. n. by 0.5 mi. e. of, on n. w. corner of T road; spike in fence post, marked "881.3"	881.34

Stryker n. w. along highways to point 1.5 miles n. e. of Pulaski

Stryker, n. e. cor. of schoolhouse; **iron post** stamped "719 Ohio"	**719.403**
Stryker, at Main St. railroad +ing, 3 ft. from curb line on w. side of street; top of n. rail of L. S. & M. S. Ry., painted "T. B. M. 717.9"	717.93
Stryker, 0.8 mi. n. w. of, on e. abut. of s. e. cor. of bridge over Tiffin River; chiseled circle inclosing cross, painted "705.9"	705.97
Stryker, 1 mi. n. by 1 mi. w. of, at T rd. w.; spike in teleph. pole, marked "711.6"	711.66
Stryker, 1 mi. north by 2 miles west of, at southwest corner of crossroads; spike in telephone pole, painted "T. B M. 723.5"	723.47
Stryker, 1 mi. north by 2.5 miles west of, at southeast corner of crossroads; **iron post** stamped "740 Ohio"	**739.763**
Pulaski, 0.25 mile north by 1.5 miles east of, southwest corner of crossroads; spike in telephone pole, painted "T. B. M. 749.1"	749.19

Stryker n. along rds. via West Unity and Alvordton to 5 mi. n. w. of Alvordton

Stryker, 0.7 mi. w. by 2 mi. n. of, 75 ft. s. of s. e. corner of +roads; copper B. M. nail in top of stump, painted "T. B. M. 713.6"	713.62

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	Feet
Stryker, 0.7 mi. w. by 2.5 mi. n. of, at T rd. w., on s. e. abut. of bridge over branch of Tiffin River; chiseled square, painted "T. B. M. 710.71"	710.71
West Unity, 2.5 miles south of, 300 ft. s. of s. e. cor. of +roads; copper B. M. nail in top of stump, painted "T. B. M. 729.392"	729.37
West Unity, 2.5 mi. s. of, at +rds., n. e. cor.; **iron post** stamped "737 Ohio".	**736.491**
West Unity, 1 mi. s. of, at +rds., on s. w. wing of concrete culvert at north side of +roads; chiseled circle, painted "T. B. M. 771.806"	771.77
West Unity, at n. w. cor. of sta.; copper nail in porch, painted "T. B. M. 792.164"	792.12
West Unity, 100 ft. w. of sta., in s. w. cor. of park; **iron post** stamped "792 Ohio"	**792.089**
West Unity, on w. end of stone step of town hall; chiseled sq. painted "796.703"	796.65
West Unity, 1 mi. n. of, at n. e. cor. +rds.; spike in post, painted "T. B. M. 814.0"	813.97
West Unity, 2.7 mi. n. of, at T road w., on e. side of road at head of T; spike in base of telephone pole, painted "T. B. M. 822.7"	822.70
Alvordton, 2 mi. s. of, at northwest cor. of crossroads; chiseled square on concrete block around post, painted "T. B. M. 824.867"	824.78
Alvordton, 2 mi. s. of, at n. w. cor. of +rds.; **iron post** stamped "826 Ohio"	**825.468**
Alvordton, 1 mile south of, at northwest corner of crossroads; spike in base of telephone pole, painted "T. B. M. 843.6"	843.55
Alvordton, southwest corner of stone culvert 120 feet s. of crossing; chiseled square painted "T. B. M. 838.724"	838.66
Alvordton, south end of town, 100 feet south of crossing, on west side of rd., on railroad right-of-way; **iron post** stamped "840 Ohio"	**839.852**
Alvordton, 2 miles north of, at southeast corner of T road; spike in base of post, painted "T. B. M. 897.519"	897.49
Alvordton, 2 mi. n. of, at s. e. cor. of T road; **iron post** stamped "897 Ohio"	**897.170**
Alvordton, 2 mi. n. by 1 mi. w. of, at northeast corner of crossroads; copper nail in root of willow tree, painted "T. B. M. 905.2"	905.18
Alvordton, 2 mi. n. by 1.6 miles west of, at lane south; copper B. M. nail in top of post, painted "T. B. M. 904.113"	904.09
Alvordton, 2 mi. n. by 3 miles west of, at T road south; **iron post** stamped "Prim. Trav. Sta. No. 17—884"	**883.750**
Alvordton, 2 mi. north by 3.7 miles west of, at southeast corner of T road s.; spike in base of post, marked "T. B. M. 878.215" (on Pioneer quad.)	878.21

Point 1 mi. s. of West Unity e. via roads to point 2 mi. e. of Burlington, thence n. along highways to point 0.5 mi. s. of Ritters

West Unity, 1 mile south by 0.8 mi. east of, at southeast cor. of crossroads; spike in base of post, painted "T. B. M. 750.0"	750.04
West Unity, 1 mi. s. by 1.8 mi. east of, at northeast cor. of T road n.; spike in base of telephone pole, painted "T. B. M. 757.2"	757.16
West Unity, 1 mi. s. by 2.4 mi. e. of, at n.w. cor. of +roads; chiseled square on concrete wall of bridge, painted "T. B. M. 733.3"	733.33
West Unity, 1 mi. s. by 2.7 mi. e. of, at head of T rd. s., on line between William and Fulton counties; **iron post** stamped "726 Ohio"	**725.962**
Burlington, 2.2 miles west of, at northeast corner of T road north; spike in base of telephone pole, marked "716.5"	716.54
Burlington, 1.6 mi. w. of, on s. w. cor. of w. abut. of iron bridge over Tiffin River; chiseled square painted "T. B. M. 712.9"	712.96
Burlington, 1 mi. w. of, at n. w. cor. of +roads; **iron post** stamped "716 Ohio"	**716.435**
Burlington, on southwest corner of bridge at crossroads, on end of iron casting; square painted "T. B. M. 717.2"	717.25

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	Feet
Burlington, 1 mile east of, at southwest corner of crossroads; spike in base of telephone pole, painted "T. B. M. 724.8"	724.81
Burlington, 2 miles east by 1 mile north of, northwest corner of crossroads; spike in base of fence post, painted "T. B. M. 731.9"	731.81
Burlington, 2 mi. e. by 2.2 mi. n. of, at n. e. cor. of crossroads; spike in base of telephone pole, painted "T. B. M. 722.1"	722.12
Burlington, 2 miles east by 3.5 miles north of, at northeast corner of crossroads; **iron post** stamped "722 Ohio"	**722.357**
Burlington, 2 mi. e. by 4.6 mi. n. of, at T rd. w., on e. side of rd. at head of T; spike in base of post, painted "T. B. M. 722.047"	722.05
Burlington, 2 miles east by 4.8 miles west of, southeast corner of T road east; spike in base of fence post, painted "T. B. M. 721.268"	721.28
Ritters, 3.5 miles south of, at southwest corner of crossroads; spike in base of telephone pole, painted "T. B. M. 725.6"	725.71
Ritters, 2 mi. s. of, at n. w. cor. of crossroads; **iron post** stamped "738 Ohio"	**738.348**
Ritters, 0.5 mile south of, at crossroads, at well on school lot; chiseled square on concrete base, painted "T. B. M. 773.931"	774.03

Andover Quadrangle

Lenox along highway east to Richmond Center, thence north to Pierpont

Lenox, 3 mi. e. of, in sandstone over drain at +roads; chisel mark	1005.22
Lenox, 3.6 mi. e. of, 450 ft e. of tp. line, in n. e. cor. of abut., small iron bridge over creek, flush in top; **aluminum tablet** stamped "985 ADJ 1903"	**984.827**
Dorset, 0.7 mi. w. of, 100 ft. w. of Mills Creek, on large boulder at forks of road; chisel mark	958.75
Dorset, s. end of, in s. w. cor. of foundation of Town Hall; **aluminum tablet** stamped "985 ADJ 1903"	**985.069**
Dorset, T road e., on top of n. end of 12-in. iron sewer pipe; chisel mark	981.73
Richmond Center, 950 ft. w. of +rds. in top of s. w. cor. of w. abutment of small iron bridge, over creek; **aluminum tablet** stamped "1031 ADJ 1903"	**1030.899**
Richmond Center, on n. end of stone watering trough in s. w. triangle of crossroads; **chisel circle**	**1034.527**
Pierpont, 3.35 miles s. of, in n. end of e. guard of stone culvert 0.8 mile s. of township line; **aluminum tablet** stamped "1046 ADJ 1903"	**1045.633**

Richmond Center via rds. to 1 mi. s. of Andover, thence w. to South New Lyme

Andover, Mosely Block, set flush in base stone s. e. cor. of bldg., in 1905 occupied by the Bank of Andover; **aluminum tablet** stamped "1091 ADJ 1903"	**1091.012**
Andover, 1 mi. s. of, on e. end of sewer pipe, across n. and s. rd; chisel mark	1085.71
Andover, 1.04 mi. s. by 2.75 mi. w. of, in s. e. corner of e. guard of stone culvert, 190 ft. n. of T road w.; square cut	970.59
Andover, 1.04 mi. s. by 3.91 mi. w. of, 435 ft. e. of +rds., in top of w. end of n. guard stone culvert; **aluminum tablet** stamped "996 ADJ 1903"	**996.138**
Cherry Valley, 1.04 mi. s. by 0.96 mi. w. of, in root of 16-in. maple tree, at crossroads; 2 nails	1096.16
Cherry Valley, 1.04 mi. s. by 1.97 mi. w. of, in root of 8-in. hickory tree; nail	1094.44

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	Feet
Cherry Valley, 1.04 mi. s. by 2.72 mi. w. of, in s. w. cor. of found'n of house n. side of rd., 250 ft. e. of T rd. s., 0.35 mi. west of township line; **aluminum tablet** stamped "1079 ADJ 1903"	**1079.106**
South New Lyme, 2.15 mi. e. of, on n. end of 12-in. sewer pipe at T road n.; chisel mark	1042.88
South New Lyme, 1.5 mi. e. of, in door step of schoolh. at +rds.; square cut	1046.78
Colebrook via rds. e. 2 mi., then s. 2 mi., then e. and n. to Andover	
Colebrook, 2.1 mi. e. by 1 mi. s. of, in s. end, w. guard stone culvert, 50 ft. n. of T road e.; chisel mark	1035.74
Colebrook, 2.1 mi. e. by 1.42 mi. s. of, on e. end of stone culvert, at T road w.; chisel mark	1040.52
Colebrook, 2.1 mi. e. by 1.52 mi. s. of, 0.95 mi. n. of county line, 550 ft. s. of T rd. w., in w. guard of stone culv.; **aluminum tablet** stamped "1024 ADJ 1903"	**1024.202**
Colebrook, 3.15 mi. e. by 2.03 mi. s. of, on s. guard of stone culvert, 100 ft. w. of house, s. side of road; chisel mark	1087.10
Wick, 1.65 mi. s. of, on boulder in s. w. corner of junction; chisel mark	990.06
Wick, 1.83 miles s. of, 270 ft. s. of T rd. e., 5 ft. n. of porch, in w. found'n of house; **aluminum tablet** stamped "997 ADJ 1903"	**996.681**
West Williamsfield, 1.9 mi. s. of, on boulder, s. side of road, at junction with n. and s. road; chisel mark	1040.57
Williamsfield, 1.4 mi. s. of, on n. end, w. abut. of bridge at T rd. e.; chisel mark	1130.09
Williamsfield, on boulder at n. e. cor. of +roads; chisel mark	1133.96
Williamsfield, 0.65 mile n. of, in east side of south abutment of bridge over McMichael Creek; **aluminum tablet** stamped "1113 ADJ 1903"	**1112.761**

Antrim Quadrangle

Point 3.5 miles s. w. of Odell northerly to Bernice	
Clio, 1.39 miles n. e. of, 0.3 mi. s. of Y rd., in found'n of west side of wagon shed owned by J. U. Marple; **aluminum tablet** stamped "986"	**986.002**
Clio, 3.13 mi. n. e. of, on rock at s. e. cor. of T rd.; chiseled sq. painted "1110.3"	1109.97
Odell, 0.43 mi. s. w. of, in door step of schoolh.; **aluminum tablet** stamped "982"	**981.674**
Odell, in second stone step of store owned by E. B. Kenedy; chiseled square marked "991.4"	991.04
Odell, 2.34 mi. n. of, at T rd. w., in n. end of w. side of brick schoolh.; **aluminum tablet** stamped "1132"	**1131.686**
Odell, 4.57 mi. n. e. of, 3 ft. from well owned by Mr. T. N. Moore, on rock, on east side of rd.; chiseled sq. marked "1038.7"	1039.37
Lore city north to Washington, thence east to Fairview	
Washington, 0.56 mi. s. of, in s. edge of e. wing wall, n. abutment of steel framed bridge over creek; **aluminum tablet** stamped "926"	**925.919**
Washington, at s. w. cor. of junction of +rds., on top of sandstone stepping block projecting 2.5 feet from ground; chiseled square marked "1099.7"	1099.52
Elizabethtown, 0.1 mi. w. of, at T rd. n. at n. e. cor. of junction, on large stone at apex of angle between roads; chiseled square marked "908.5"	908.25
Middlebourne, 2.15 mi. w. of, 300 yds. w. of T rd. s., 250 yds. n. w. of house of F. G. Foraker, in springing stone for s. retaining wall of crooked brdg., top stone to north of wall at w. end; **aluminum tablet** stamped "831"	**830.969**

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	Feet
Middlebourne, e. end of town, at s. w. cor. of T rd. s., in n. face of sq. sandstone block at n. w. cor. of found. to M. E. Church; **aluminum tablet** stamped "882"	**882.028**
Middlebourne, 3.3 mi. e. of, in n. e. cor. stone foundation of barn s. of pike; **aluminum tablet** stamped "1187"	**1186.045**
Fairview, 0.85 mi. w. of, 30 yds. e. of Y rd., in cen. top stone of n. retaining wall of culv. 6 in. from n. and e. edges of stone; chiseled sq. marked "1028.5"	1027.98

Clio northeast to Londonderry

Brady, in n. edge of stone support of n. e. cor. of porch to store, about 1 ft. above ground; chiseled sq. marked "799.4"	799.07
Brady, 1.68 mi e. of, 0.25 mi. e. of +rds., 25 yds. e. of T rd., 60 yds. w. of T rd. n., in top of stone, n. end e. abut. of steel framed brg. over creek; **aluminum tablet** stamped "803"	**802.687**
Winterset, 1.8 mi. s. w. of, opposite T rd. n., on stone to n. of rd. at edge of ditch; chiseled sq. marked "838.3"	837.95
Winterset, at n. w. cor. of +rds., diagonally opposite gen. store, in bldg. block 10 ft. off e. and w. rd., 10 yds. off n. and s. rd.; **aluminum tablet** stamped "825"	**824.924**
Winterset, 1.07 mi. n. e. of, 20 yds. w. of T rd. n., 3 in. and 8 in. from either side of angle formed by s. and e. edges of top stone nearest brg., s. wing wall, e. abutment to wooden brg. over cr.; chiseled sq. marked "828.96"	828.50
Antrim, w. end of town, in n. end of e. bottom step to United Presbyterian Church; **aluminum tablet** stamped "1001"	**1000.823**
Antrim, 2.67 mi. e. of, 20 yds. e. of Y rd. to n. e., diagonally opposite house of J. H. Yarnell, on top stone s. wing wall of w. abut. to brg. over creek; chiseled square marked "999.1"	998.58
Londonderry, 1.7 mi. s. e. of, iron brg. over Skull Fork Creek, on Londonderry-Fairview rd., on e. end of s. wing wall of e. abut.; **aluminum tablet** stamped "895 Steubenville"	**895.726**
Londonderry, at northwest cor. of Londonderry-Fairview and Londonderry-Freeport roads, on large flat slab; chiseled square marked "1168.8"	1168.22

Odell northeast to Freeport

Odell, on stone step to store; chiseled square marked "991.3"	991.01
Birmingham, w. end of town, midway between T roads n. and s. at schoolhouse and blacksmith shop, in second stone s. end e. abutment of bridge over Clear Fork Creek; **aluminum tablet** stamped "831"	**830.696**
Birmingham, 2.1 mi. n. e. of, between T rds. n. and s., 500 yds. n.w. of schoolh. in 2nd stone n. end e. abut. of brg. over cr.; **aluminum tablet** stamped "1000"	**999.342**
Birmingham, 4.2 miles n. e. of, at s. e. corner of crossroads, on large flat slab over east end of drain; chiseled square marked "1152"	1151.40
Birmingham, 5.1 miles n. e. of, in stone lift e. door in n. face of Pleasant Hill M. E. Church; **aluminum tablet** stamped "1236"	**1235.449**
Freeport, 4 miles s. w. of, at crossroads, on large stone at s. end of wooden sluice; chiseled square marked "1002.9"	1002.22
Freeport, 2 miles w. of, at southwest corner of T road west, on large stone; chiseled square marked "885.0"	884.32
Freeport, 1.5 miles w. of, at T road n. w., in n. end w. abutment of bridge, set horizontally in stone about 2 ft. above creek; **aluminum tablet** stamped "889"	**888.125**

Piedmont northwest along C. L. & W. Ry. to Tennett Tunnel
(corrected to accord with adjusted B. & O. R. R. precise levels)

Freeport, on s. side of Main Street, on door sill to entrance of bank of Freeport; **aluminum tablet** stamped "1004 Steubenville"	**1004.436**

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	Feet
Tennett Tunnel, at north end of, at n. w. corner of bridge No. 134, on top stone; chiseled square	876.51

Arlington Quadrangle

Point 4 miles east of Ada east along P. Ft. W. & C. Ry. to Forest

Ada, 4.5 miles east of, at southeast corner of west abutment of culvert No. 116 (Ry. B. M.); chisel mark	939.55
Ada, 5 miles e. of, at railroad crossing, in top stone at n. w. cor. of e. abut. culvert No. 114, (Ry. B. M.); chisel mark	939.85
North Washington, at n. e. cor. of ry. +ing, on stone at s. w. cor. of hotel; chisel mark	947.16
North Washington, in e. face of n. e. corner of Presbyterian Church; **aluminum tablet** stamped "949 ADJ 1903"	**948.240**
Dunkirk, in w. face of n. w. cor. of sta. **aluminum tablet** stamped "952 ADJ 1903"	**951.593**
Forest, 3 miles w. of, at undergrade road crossing, in n. w. cor. of w. abut.; **alum num tablet** stamped "924 ADJ 1903"	**923.029**
Forest 2 miles w. of, on n. w. corner of e. back wall to bridge No. 98, over Blanchard River, Ry. B. M.; chisel mark	901.14
Forest, in n. face of n. e. cor. of school bldg.; **aluminum tablet** stamped "934 ADJ 1903"	**933.032**

Dunkirk via T. & O. C. Ry. to Arlington, thence w. via N. O. Ry. to Jenera

Williamstown, in n. face of n. e. cor. of schoolhouse; **aluminum tablet** stamped "946 ADJ 1903"	**945.420**
Arlington, chiseled place on stone at extreme n. e. cor. of Lutheran Church	866.76
Arlington, in n. e, face of n. e. corner of Lutheran Church; **aluminum tablet** stamped "870 ADJ 1903"	**869.584**
Arlington, 1.25 mi. w. of, on N. O. Ry., on s. e. cor. of coping stone at s. e. cor. of iron bridge No. 452 over creek; chisel mark	854.80
Jenera, in e. face of n. e. corner of M. E. Church; **aluminum tablet** stamped "850 ADJ 1903"	**849.894**

Arlington n. 3 mi., thence e. and s. e. via Mt Blanchard to Forest

Arlington, 2 mi. n. of, 8 mi. s. of Findlay, at +rds.; chisel mark on stone wall on culvert at s. e. cor. of +rds	840.53
Arlington, 2.25 miles n. of, in s. w. cor. of s. abutment of small iron bridge; **aluminum tablet** stamped "838 ADJ 1903"	**837.452**
Arlington, 3 mi. n. of, 7 mi. s. of Findlay, at center of +rds. by old church; chisel mark on boulder	840.56
Arlington, 3 mi. n. by 1.5 mi. e. of, at T road n. by church, on n. e. corner of ground stone to entrance of church; chisel mark	848.34
Houcktown, s. e. cor. of, in s. face of s. e. cor. of Methodist Church; **aluminum tablet** stamped "834 ADJ 1903"	**833.756**
Mt Blanchard, 1 mile n. of, in s. e. cor. of e. abut. of iron bridge over Blanchard River; **aluminum tablet** stamped "822 ADJ 1903"	**821.708**
Mt Blanchard, in watertable in w. face of s. w. cor. of general store of W. S & C. S. Shoemaker; **aluminum tablet** stamped "847 ADJ 1903"	**846.564**

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	Feet
Forest, 4 miles n. w. of, at +roads by Hope Chapel Church, in n. face of n. e. cor. of schoolhouse; **aluminum tablet** stamped "880 ADJ 1903"	**879.907**
Forest, 1 mi. n. of, at T rd. w., in bend of rd., on stone at n. end of w. abut. to small bridge.; chisel mark	900.20
Forest, on curbstone at n. w. of Penn. Lines and Big Four depot; **chisel mark**	**932.728**

Point 5 mi. e. of Ada s. along highways to point 5 mi. n. of Foraker

Ada, 5 miles e. of, near s. e. cor. of sec. 17, Washington Twp., at n. w. cor. of crossroads; highest point on north end of 3-ft. cast iron drain	937.05
Foraker, 6 miles north of, 300 ft. east of Chas. Ludwig's residence, near s. e. cor. of sec. 20, Washington Twp., at n. w. cor. of +rds.; nail in top of fence post	943.49

Ashland Quadrangle

Point 4.3 mi. s. of Sullivan w. and n. via roads to point 4.7 mi. s. of Fitchville

Savannah, 3.5 mi. e. of, stone culv., top of n. coping; **aluminum tablet** stamped "1136"	**1136.463**
Savannah, M. E. Church, in watertable, e. side; **aluminum tablet** "1101"	**1101.641**
Savannah, 2.30 mi. w. of, e. abut. small iron bridge, n. retaining wall, top of; **aluminum tablet** stamped "1065"	**1065.993**
Adario, 3 miles n. w. of, stone culvert 300 feet s. of +roads, n. end of east coping; **aluminum tablet** stamped "1164"	**1165.190**

Point 4.5 mi. e. of Savannah s. to Ashland, thence w. to Olivesburg, thence n. to Adario

Nankin, 1.86 mi. n. of, top, w. coping, stone arch culvert, 425 ft. n. of T rd. east; **aluminum tablet** stamped "1088"	**1089.086**
Nankin, 2.1 miles s. w. of, 2.45 mi. n. e. of Ashland, n. end, w. abut. of concrete arch culvert of Erie Ry.; **aluminum tablet** stamped "988"	**989.367**
Ashland, in front of station; top of rail	1082.9
Ashland, 3 mi. w. of, 3.15 mi. e. of Olivesburg, n. abut. of small iron girder bridge, e. bridge seat; **aluminum tablet** stamped "1180" at crossroads	**1180.763**
Olivesburg, M. E. Church, s. end of w. found'n. wall; **aluminum tablet** "1077"	**1077.672**
Adario, 3.40 mi. n. of Olivesburg, 722 feet n. of +roads, e. coping of stone culvert; **aluminum tablet** stamped "1152"	**1152.413**

Ashland s. e. to near Hayesville, thence e. to Jeromesville

Ashland, w. end of s. wall of county jail; **aluminum tablet** stamped "1079"	**1079.874**
Ashland, 3.30 miles s. e. of, 4.29 mi. n. of Hayesville, e. coping of stone culvert; **aluminum tablet** stamped "1101"	**1102.047**

Hayesville west along highway to Mansfield

Hayesville, +roads, in town hall, n. w. cor. of found.; **bronze tablet** stamped "Prim. Trav. Sta. 1244"	**1244.796**
Mifflin, 1.49 mi. e. of, +roads, 850 ft. e. of, n. wing wall, w. abut. iron girder bridge; **aluminum tablet** stamped "1108"	**1108.743**
Mifflin, 0.8 mi. w. of, iron girder brdg. over Black Fork, Mohican River, w. abut., s. wing wall, 4th course masonry from top; **aluminum tablet** stamped "994"	**995.414**
Mifflin, 4.2 mi. w. of, 3.5 mi. e. of Mansfield, T road s., small wooden bridge, w. abut., s. bridge seat; **aluminum tablet** stamped "1222"	**1222.603**

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Mansfield northerly along highway to Olivesburg

	Feet
Windsor, 0.9 mile s. of Pavonia, T road e., small wooden bridge, w. abut., n. bridge seat; **aluminum tablet** stamped "1035"	**1036.055**
Pavonia, Erie Ry.; top of north rail	1064.4
Olivesburg, 3.3 mi. s. of, 615 ft. e. of +roads, w. end of schoolhouse, s. found. wall; **aluminum tablet** stamped "1048"	**1049.490**

Near Hayesville

Hayesville, 1.3 mi. s. of, at n. e. cor. of +roads, on large granite rock on e. end of culvert; chiseled square	1237.38

Mansfield, 2.2 mi. e. of, to Mansfield, thence s. e. to Lucas

Mansfield, 2.2 mi. e. of, on s. side of rd.; chiseled sq. on large stone	1316.14
Mansfield, 1.3 miles e. of, 1 foot from s. w. cor. of bridge, 100 ft. e. of intersection of Wooster and Lucas rds.; bolt head	1169.54
Mansfield, 0.6 mi. e. of, n. side of wooden bridge; chiseled square on coping stone of e. abut	1147.55
Mansfield, 100 ft. n. of +ing at bridge 153; chiseled sq. on retaining wall	1151.15
Mansfield, 0.8 mile s. of, at P. Ft. W. & C. Ry. bridge 152; chiseled sq. on n. e. cor. of e. abut	1139.80

Ashtabula Quadrangle

North Madison e. by road via Geneva to Ashtabula, thence s. and w. to Unionville

Geneva, on top of 9 x 9 in. post, 1 ft. above ground, middle post on w. side of Army and Navy Monument; **chiseled square**	**675.692**
Geneva, at public sq., Ford and Tibbetts 3-story brick building, first stone window sill e. of stairway, in top of; **aluminum tablet** stamped "675 Cleve"	**674.519**
Geneva, 4 mi. e. of, Saybrook township, 75 ft. e. of T rd. s., s. side of e.-w. rd., on top of top stone of culv.; chiseled square	683.48
Saybrook P. O., on top at n. w. cor. of 2 x 8 ft. stepping stone, 150 ft w. of P. O., 325 ft. e. of +rds.; **chiseled square**	**682.333**
Saybrook P. O., in brick foundation of town hall, on n. side n. w. cor.; **bronze tablet** stamped "682 Cleveland"	**681.741**
Ashtabula, in top at n. end of lower stone step at front entrance to City Hall; **chiseled square**	**697.716**
Ashtabula, at front entrance to City Hall, in top of, at n. w. cor. of top step; **aluminum tablet** stamped "700 Cleveland"	**699.804**
Ashtabula, 6.75 mi. s. of, on top and in center of stone culv. over w. side of n.-s. rd., 500 ft. n. of iron brg. over Mill Creek, at T rd. w., line w. from this point, Jefferson twp.; **chiseled circle**	**852.951**
Ashtabula, 6.75 miles s. of, Jefferson Twp., n. e. cor. of high iron truss brdg. over Mill Cr., in top of abut. wall; **bronze tablet** stamped "854 Cleveland"	**854.395**
Austinburg, at n. w, cor. of +rds., on s. side of s. e. cor. of brick store, in face of watertable; **bronze tablet** stamped "817 Cleveland"	**816.674**
Harpersfield, on s. side of s. w. cor. of Town Hall, in face of brick wall, 2 ft. above ground; **bronze tablet** stamped "859 Cleveland"	**858.654**

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Athalia Quadrangle

Gallipolis by highway south westerly, to Platform, thence s. e. to Miller

	Feet
Angel, 300 yards n. of store, in pedestal stone supporting bridge truss over Bullskin Creek; **aluminum tablet** stamped "570 ADJ 1903"	569.752
Leaper, 100 feet south of store, in south abutment of bridge over Bullskin Creek; **aluminum tablet** stamped "636 ADJ 1903"	635.588
Mercerville, in south side of store building, in stone foundation; **aluminum tablet** stamped "768 ADJ 1903"	767.403
Yoho, 3 mi. s. of, on Platform road, 600 feet s. of rd. forks, s. pedestal stone of brg. over Indian Guyan Creek; **aluminum tablet** stamped "653 ADJ 1903"	652.755
Platform, 3.5 miles n. e. of, in curious shaped rock by roadside; **aluminum tablet** stamped "639 ADJ 1903"	638.757
Platform, 50 ft. north of store and postoffice, in outcropping rock; **aluminum tablet** stamped "617 ADJ 1903"	616.850
Platform by roads w. to Linville, thence n. via Arabia to Gallia	
Scottown, 75 ft. across road from postoffice and store, in outcropping ledge of rock; **aluminum tablet** stamped "602 ADJ 1903"	601.616
Linville, (Willowwood postoffice) side of hill near salt water artesian or gas well, in outcropping rock; **aluminum tablet** stamped "618 ADJ 1903"	617.856
Aid, 2 miles southeast of, in rock; **aluminum tablet** stamped "601 ADJ 1903"	600.814
Aid postoffice (Marion), 2.5 ft. from southeast corner of store of T. H. Neal in sandstone boulder; **aluminum tablet** stamped "584 ADJ 1903" (This point is at 0.035 foot greater elevation than a copper bolt in same stone stamped "581 I" and placed there in 1897 from levels on the Ironton quadrangle.)	583.582
Wilgus, mill and postoffice, 0.25 mile south of, west side of forks of road, boulder; **aluminum tablet** stamped "619 ADJ 1903"	618.694
Arabia, 100 feet e. of store, west bridge abutment, south end of bridge seat; **aluminum tablet** stamped "600 ADJ 1903"	599.384
Waterloo, 100 feet east of covered bridge, south end of stone box culvert; **aluminum tablet** stamped "610 ADJ 1903"	609.285
Along left bank of Ohio River (precise line of Army Engineers)	
Miller, Ohio, opposite, on W. Va. shore, Army Engineers U. S. B. M. 294—A. On top of large boulder, 700 feet upstream from ferry landing; river face of boulder lettered 1856.	507.107

Athens Quadrangle

Athens s. along K. & M. Ry., to Hebbardsville, thence e. and n. by roads to Canaanville

Athens, 1.25 miles w. of, on s. e. end of e. abutment of bridge No. 157 over Hocking River; cross mark	652.33
Hebbardsville, in south stone of sandstone foundation of house of E. B. Armstrong; **bronze tablet** stamped "730 Columbus"	730.005
Judson, in s. e. corner of schoolhouse (two-story frame building); **aluminum tablet** stamped "745 Columbus"	745.230
Judson, 3 mi. n. of, 300 ft. n. of Downing's res., 100 ft. s. e. of large cliff, old bridge abut. over creek, w. ide of cr., on s. e. side of top stone; cross mark	681.34

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Binghams Gap near Judson n. to Fulton △ Station

	Feet
Fulton △ sta., a bare hogback ridge in Lodi Twp., on land of Wm. Fulton, sta. mark and B. M., a sandstone post 36x12x12″ dressed 8″ sq. on top, set 34″ in ground, in cen. of top of which is cemented a **bronze △ triangulation tablet** "1024 Columbus"	**1024.1**

Athens n. w. via H. V. Ry. to Nelsonville, thence by road via Orbiston and Glouster to Jacksonville

Athens, n.w. cornerstone foundation of county courthouse, in face of; **aluminum tablet** stamped "722 Columbus"	**722.753**
Athens, 1.2 mi. n.w. of, at Hocking River bridge, on s. e. abutment; sq. cut.	652.61
Beaumont, n. w. corner of platform curb; square cut	659.48
Nelsonville, in Fort St. front of Central School building 3 ft. n. of steps, in foundation wall, e. side; **bronze tablet** stamped "693 Columbus"	**693.336**
Orbiston, 1.0 mile n. e. of, Goose Run Coal Mine, s. side of road, in ledge of rock; **bronze tablet** stamped "723 Columbus"	**723.400**
Derthick postoffice, (Continental Company Mines No. 10), on doorsill of brick store building; chiseled square	756.91
Trimble sta., in n. e. cor. of curbing of sta. platform, chiseled sq., painted "679.3"	679.33

Athens n. along K. & M. Ry. via Chauncey to Jacksonville, thence by road e. to Federal

Athens, 2.75 mi. n. of, post marked "G. B. 143", culv. at, on e. coping of; cross mark	644.78
Athens, 5.75 miles n. of, n. e. cor. of bridge over Hocking River, south of Chauncey, on top stone; cross mark	660.20
Chauncey, in s. w. cor. of Christian Church; **aluminum tablet** "679 Columbus"	**679.637**
Jacksonville, in n. e. stone abut. of iron railroad bridge No. 324 over Sunday Creek; **bronze tablet** stamped "682 Columbus"	**681.880**
Trimble, 2.2 miles east of, 400 ft. n. e. of house. on n. e. stone abutment of bridge over creek flowing south; chiseled cross	749.78

Athens west along B. & O. S. W. Ry. to Marshfield

Athens, n. e. side of B. & O. station, in platform; chiseled square	646.57
Grosvenor, 2.1 miles w. of, 0.5 mi. e. of Luhrig, at railroad bridge over road, on n. w. abutment; chiseled square	683.78
Marshfield, 200 ft. w. of sta. in face of ledge of rock; **bronze tablet** "822 Col."	**821.770**

Canaanville to Athens on B. & O. S. W. Ry. (precise line)

Canaanville, about 1.5 miles west of, on coping of a railroad culvert; **chiseled square** marked "B M" (C. & G. S. B. M. XLIX)	**630.325**
Athens, on s. abutment (e. side, fourth step from top) of road bridge over Ry. and Hocking River; **chiseled square** marked "B. M., (C. & G. S. B. M. L.)	**649.169**
Athens, on top of pier of the railroad bridge over the Hocking River; **chiseled square** marked "B. M." (C. & G. S. B. M. P.)	**656.105**

Bainbridge Quadrangle

Point 1.7 miles w. of New Petersburg s. w. along highway to Stringtown, thence e. to 2.5 mi. n. of Bainbridge

New Petersburg, 2.5 mi. s. w of, on n. side of Greenfield-Hillsboro road in n. e. angle of rd. forks, at n. end of drain, in stone; bottom of chiseled square	1007.71

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	Feet
Barrett schoolhouse, district No. 12, 0.5 mi. s. of, 390 ft. w. of T road n., on s. side of Hillsboro-Greenfield road; **iron post** stamped "Prim. Trav. Sta. No. 62, 1909—Ohio—1053"	**1053.011**
Stringtown, in s. e. angle of crossroads, 5 feet n. e. of cor. post, in top of peg; copper B. M. nail in washer	1012.10
New Petersburg, 1 mi. w. by 1.5 mi. s. of, at center of +roads, on rd. rocks; chiseled square	1055.60
New Petersburg, 1.2 mi. s. of, on Petersburg-Rainsboro pike, in s. e. angle of rd. forks, on stone at s. end of culvert; chiseled square	952.73
Snake Corner schoolhouse, 0.5 mi. e. of, in s. e. cor. of T road s.; **iron post** stamped "Prim. Trav. Sta. No. 71, 1909—Ohio—900"	**900.260**
Paint, 0.7 mile n. of, on w. bank of Paint Creek, at Indian Ford, 40 ft. s. of cen. of bend in rd., in top of 6-in. elm stump; copper B. M. nail	753.39
Paint, 0.2 mi. e. of, in n. e. angle of road forks, 700 ft. e. of church; **iron post** stamped "Ohio—776—1914"	**776.212**
Paint, 1.5 mi. e. of, 100 ft. e. of H. R. Ogle's mail box, s. w. wing wall of brdg. over small creek, on top course; bottom of chiseled square	739.34
Bainbridge, 1.5 miles w. of, just w. of private road s. in s. e. corner of bridge floor; copper B. M. nail	735.50
Bainbridge, in s. w. angle of intersec. of Chillicothe and Greenfield rds., at cen. of town, next to E. L. Case's store, at cor. on top of curbing; painted sq.	735.15
Bainbridge, D. T. and I. rail top in front of station	722.95
Paint Creek, water surface, under highway bridge, 5:15 P. M. May 20, 1914	702.78
Bainbridge, 0.8 mi. n. of 0.2 mile n. of schooh., 20 ft. e. of forks, just inside of field; **iron post** stamped "Prim. Tra. Sta. No. 70, Ohio—733—1909"	**732.410**
Bainbridge, 0.7 mi. e. of, on Chillicothe pike, in s. w. angle of road forks, at road s., in base of corner post; rail spike	716.20
Bainbridge, 2.5 mi. n. e. of, in front of schoolhouse, Tong's Hollow in center of road; square cut on stone	731.10

Points 2.5 mi. s. e. of Bainbridge s. w. via Cynthiana to point 0.5 mile e. of Snake Corner schoolhouse

Bainbridge, 2.5 mi. s. e. of, 150 ft. s. of S. Nicely's res. in center road, top of Pike-Ross Co. line stone; chiseled sq. marked "879.2"	879.00
Bainbridge, 3 mi. s. of, at T rd. n. e., cen. of rd. forks, on e. side of n. and s. rd., on top of s. end of plank drain; copper B. M. nail marked "1235.3"	1235.02
Bainbridge, 3.12 mi. s. of, at T rd. s. e., at n. e. corner of rd. forks; **iron post** stamped "1279 Ohio"	**1278.827**
Bainbridge, 3.35 mi. s. of, at cen. of forks of rd. s. w. to fork of Brush Creek, on top of stone; chiseled sq. marked "1298.1"	1297.86
Cynthiana, 4 mi. e. of, rd +ing creek in front of res. of D. L. Maxwell, on s. edge of 15 ft. e. of branch, in top of rock; chiseled square marked "992.5"	992.26
Cythiana, 3.4 mi. e. of, at second class road to n. e. in cen. of roads, in top of sandstone rock; chiseled square marked "951.6"	951.37
Cynthiana, 2.5 mi. e. of, at T road s., at s. e. cor. of road forks at fence line; **iron post** stamped "952 Ohio"	**951.831**
Cynthiana, 2.1 mi. e. of, at T road at schoolhouse, 90 ft. w. of forks of rd. on side of w., in s. root of 2-foot sycamore copper B. M. nail marked "960.0"	959.76
Cynthiana, 1.2 mi. e. of, in s. e. cor. of wooden bridge over Muddy Fork, in root on n. w. side of 14-in. elm tree; copper B. M. nail marked "906.0"	905.96
Cynthiana, on s. edge of town, at n. w. corner of +roads; **iron post** stamped "969 Ohio"	**968.677**

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	Feet
Cynthiana, in center of town, in front of K. of P. and I. O. O. F. Hall, outside of walk at cor., at T rd. n. w., at s. w. cor. rd. forks, in top of locust stump at foot of locust tree; copper B. M. nail marked "971.26"	971.21
Cynthiana, 0.75 mi. n. w. of, 80 ft. n. of T rd. w., on e. side of n. rd., in s. root of 15-in. walnut tree; copper B. M. nail marked "986.9"	986.88
Cynthiana, 1.5 mi. n. w. of, on s. side of rd. at gap, 50 ft. n. of private rd. w., on e. side of rd., 30 ft. n. of fence cor. at edge of timber, inside of fence line, in root 7 ft. w. of 42-in. oak tree; copper B. M. nail marked "1033.6"	1033.53
Barretts Mills, 1 mi. s. e. of, about 0.14 mi. w. of foot of hill, on top of north wing of wall w. abut. of highway brg. over cr.; chiseled sq. marked "899.1"	899.02
Barretts Mills, at n. w. cor. of +rds., 90 ft. e. of Rocky Fort bridge, at w. end of gate to house; **iron post** stamped "812"	**812.363**
Barretts Mills, 0.8 mi. n. of, at T rd. n. w. at n. w. cor. of rd. forks, in root on n. side of walnut tree, 1 ft. in dia.; copper B. M. nail marked "935.3"	935.24
Barretts Mills, 1.4 mi. n. of, on n. stone abut. of Rocky Fork brg., on top of w. end of w. wing wall; chiseled sq. marked "789.0"	789.00
Rainsboro, 2 mi. e. of, at n. w. cor. of +rds., on top of w. end of iron drain pipe under n. road; painted sq. marked "888.3"	888.26
Rainsboro, 2 mi. e. by 0.9 mi. n. of, in n. w. cor. of Plum Run brg., in floor; copper B. M. nail marked "826.5	826.44
Beech Grove school e. and n. along highways to Stringtown	
Dallas (Boston), about 1.5 mi. e. by 1.2 mi. s. of, at n. w. cor. of T rd. n., on w. end of earthen drain tile under rd.; highest point painted "970.3"	970.10
Dallas (Boston), about 1.5 mi. e. of, on Hillsboro-Chillicothe rd., on n. side of rd., at +rds., on boulder 4 in. above ground; chiseled sq. marked "1002.6"	1002.39
Cynthiana west along highways to point one mile west of Marshall	
Cynthiana, 0.75 mi. n. w. by 1 mi. w. of, at T lane s., on n. side of road at forks, in base of cor. fence post; copper B. M. nail marked "969.65"	969.60
Cynthiana, 0.75 mi. n. w. by 2 mi. w. of, on w. abut. of highway brg. on Heads Branch, on top of n. end of n. wing wall; chiseled sq. marked "863.8"	863.70
Carmel, 140 ft. n. of +rds., 50 ft. w. of n. rd., on s. line of schoolh. yard; **iron post** stamped "964 Ohio"	**964.246**
Carmel, 0.95 mi. w. of, at n. e. cor. of T rd n., 60 ft. e. of fence cor., on n. side of fence, in root of 30-in beech; copper B. M. nail marked "971.6"	971.52
Carmel, 1.4 mi. w. of, on highway brg. at Franklin (Keetche) Branch, on e. abut., s. side of brg. on top of brg. seat; chiseled sq. marked "906.0"	905.93
Marshall, 1.86 mi. e. of, 200 ft. e. of T rd. n., 250 ft. w. of T rd. s., in field 40 ft. s. of fence, in root of 24-in. cherry; copper B. M. nail marked "970.7"	970.66
Marshall, 1.06 mi. e. of, on highway brg. over run, on e. abut., in top of s. wing wall; chiseled sq. marked "936.3"	936.24
Marshall, 0.45 mi. e. of, at n. w. cor. of T rd. n., 8 ft. n. of corner fence post; **iron post** stamped "1013 Ohio"	**1012.653**
Marshall, at cen. of town, in s. e. cor of +rds., on top of e. end of concrete culvert; chiseled sq. marked "1038.3"	1038.28
Marshall, 0.5 mi. s. w. of, at s. w. cor. of highway brg. over cr., in brg. seat; chiseled sq. marked "952.4"	952.33
Point 3 miles south of Bainbridge south along highway 2 miles	
Bainbridge, 3.12 mi. s. by 1 mi. s. e. of, at private rd. w., on w. side of rd. at s. end of gate, in s. root of 12" chesnut; copper B. M. nail marked "1297.3"	1297.24

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Point 2.4 mi. n. w. of Morgantown, s. w. via rds. to Sinking Spring, thence s. 3 mi.

	Feet
Morgantown, 2.4 mi. n. w. by 1.32 mi. s. w. of, at +rds., at Benner schoolh., on Benton Mifflin township line, n. w. cor. of +roads, 50 ft. n. w. of cen. of roads, in n. root of 14″ hickory; copper B. M. nail marked "1142.03"....	1142.02
Latham, 1 mi. w. by 2 mi. n. of, at foot of w. side of hill between Lapperell and Morgans Fork of Sunfish Cr., 80′ w. of rd. +ing cr., in front of J. F. Elliott's res., on n. side of rd., in w. root of 6″ apple tree; copper B. M. nail marked "736.9"	736.86
Latham, 1 mi. w. by 1.7 mi. n. of, at rd. forks, on w. side of rd., on n. bank of Lapperell Cr., in e. root of 24″ sycamore; copper B. M. nail m'k'd "695.8"	695.75
Latham, 1 mi. w. by 1 mi. n. of, 100 ft. n. of old rd. forks, on w. side of rd., in e. root of 14-inch walnut; copper B. M. nail marked "691.2".....	691.18
Latham, 1 mi. west of, at T rd. n., in top of n. wing wall of e. stone abut. of steel highway bridge over Kincaid Fork; chiseled square marked "634.0".	634.02
Latham, 2 mi. w. of, 200 ft. w. of highway bridge over Dry Bone Creek, 280 ft. e. of T rd. to n., 30 ft. e. of gate to S. A. Steadman's res., on s. side of rd., in n. root of 42-in. walnut tree; copper B. M. nail marked "633.4"....	633.45
Byington, in front of postoffice, in top of post support to porch, 1 foot lower than floor; copper B. M. nail marked "673.1".....	673.07
Byington, 1.2 mi. w. of, at rd. forks, 110 ft. w. of store, opposite res., on s. side of w. rd., at fence line; **iron post** stamped "714 Ohio"	**714.344**
Byington, 2.25 mi. s. w. of, at stream + ing, 500 ft. w. of S. Copling's house, 500 ft. e. of P. Cartwright's house, s. e. cor. of bridge, on top of stone abut.; chiseled square marked "732.4".....	732.36
Sinking Spring, 2 mi. e. of, in low gap on w. side of rd., at fence line 10 ft. n. of fence line running w., in top of corner stone; chiseled square marked "842.3"	842.34
Sinking Spring, 1.64 mi. s. e. of, at T rd. s., 80 ft. e. of forks of rd., 115 ft. w. of store, on s. end of stone culvert; chiseled square marked"822.3".....	822.25
Sinking Spring, 1.10 mi. e. of, at foot of e. side of hill, n. w. cor. of forks, in top of n. end of tile drain under w. rd.; painted sq. marked "846.9".....	846.94
Sinking Spring, 0.42 mi. e. of, at rd. forks, at top of hill, on e. end of plank drain under rd. to s. e., on s. side of pike; copper B. M. nail marked "949.5"	949.52
Sinking Spring, at s. w. cor. of +rds., in cen. of town, at cor. of concrete walk, in front of I. O. O. F. Hall; chiseled square marked "867.3".....	867.27
Sinking Spring, 0.98 mi. s. of, on steel highway bridge over Straight Creek of Bakers Fork, top of e. wing wall of s. abut.; chiseled square marked "721.55"	721.53
Sinking Spring, 1.2 mi. s. of, at T road w., 50 ft. w. of rd. forks, on bridge over Straight Cr., on top of s. wing wall of e. abut.; chiseled sq. marked "716.95"	716.92
Sinking Spring, 2.1 mi. s. of, 400 ft. s. of res. of H. Shoemaker, on e. side of road, on e. end of concrete culvert; chiseled square marked "740.2"	740.16
Sinking Spring, 2.53 mi. s. of, at fourth class road to s. w., on top of n. end of concrete culvert, chiseled square marked "754.86".....	754.81
Sinking Spring, 3 mi. s. of, 80 ft. e. of center of T road e., on s. side of e. rd. at fence cor.; **iron post** stamped "782 Ohio".....	**781.863**
Sinking Spring, 3.13 mi. s. by 0.5 mi. s. w. of, at cen. of +roads, in base of n. side of 18-in. hickory tree; 40 penny spike painted "819.648".	819.62

Sinking Spring north along highways to Cynthiana

Sinking Spring, 0.4 mi. n. of, at T road w., 20 ft. n. of road forks, on w. side of north road, at fence line; **iron post** stamped "856 Ohio".....	**856.462**

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	Feet
Sinking Spring, 0.97 mi. n. of, at n. e. cor. of road forks, at rd. to e., in w. root of 30-in. sycamore tree; **copper** B. M. **nail** stamped "845.0"	**844.993**
Sinking Spring, 1.84 mi. n. of, at second class rd. to e. at n. e. cor. of road forks, at fence corner, in west root of 12-in. sycamore; copper B. M. nail marked "859.6"	859.57
Sinking Spring, 3 mi. north of, 0.16 mile s. of Fort Hill postoffice, at n. w. cor. of small brdg. over creek, on top of abut.; chiseled sq. marked "804.4"	804.40
Fort Hill, 0.8 mi. n. of, at T rd. w., at s. w. cor. of rd. forks, in fence corner; **iron post** stamped "Prim. Trav. Sta. No. 84., 1909—Ohio—906"	**905.730**
Fort Hill, 1.42 mi. n. of, at s. e. corner of +rds., in n. e. root of 30-in. maple tree; copper B. M. nail marked "883.6"	883.63
Fort Hill, 2.3 mi. n. of, at T rd. n. w., at n. w. cor. of rd. forks, 7 ft. s. and 12 ft. w. of cor. fence post, on stone; chiseled square marked "922.1"	922.13
Cynthiana, 2.4 mi. s. w. of, on drain 200 ft. e. of S. C. Penn's res. on n. side of rd., in s. root of 30-in. oak; copper B. M. nail marked "903.6"	903.68
Cynthiana, 1.5 mi. s. of, on brdg. over drain, 220 ft. e. of T rd. s. e. leading to Dry Bone Cr., on n. end of e. stone abut.; chiseled sq. marked "902.7"	902.72
Cynthiana, 0.86 mi. s. e. of, at s. e. cor. of T rd. e., in fence cor. in s. e. root of 16-in. walnut tree; copper B. M. nail marked "987.2"	987.29

Sinking Spring w. via rds. to 1 mi. n. w. of North Uniontown

Sinking Spring, 0.4 mi. n. by 0.6 mi. w. of, on steel brdg. over cr., on top of n. wing wall w. stone abut.; chiseled square marked "757.7"	757.71
Sinking Spring, 0.4 mi. n. by 1.35 mi. w. of, at n. w. cor. of T rd. n., on top of limestone rock at edge of wheel track; chiseled sq. marked "858.9"	858.89
Sinking Spring, 0.4 mi. n. by 2 mi. w. of, at n. w. cor. of +rds., on top of stone at n. end of plank drain; chiseled square marked "924.0"	923.98
Sinking Spring, 0.4 mi. n. by 2.6 mi. w. of at, T rd. n., at n. w. cor. of road forks, in s. root of 12-in. walnut tree; copper B. M. nail marked "906.9"	906.83
Sinking Spring, 0.4 mi. n. by 3.7 mi. w. of, near top of hill, 280 ft. n. w. of Charlie Patton's res., at bend in rd. to n. w., on n. side of rd. at fence line, in s. root of 5" hickory tree; copper B. M. nail marked "912.8"	912.74
Sinking Spring, 0.4 mi. n. by 4 mi. w. of, brg. over Middle Fork of Brush Cr., on e. stone abut., on top of n. end of brg. seat; chiseled sq. marked "777.7"	777.67
Sinking Spring, 0.4 mi. n. by 4.2 mi. w. of, 0.15 mi. w. of bridge over Middle Fork at T road s., at s. w. cor. of road forks; **iron post** stamped "799 Ohio"	**799.112**
North Uniontown, 1 mi. n. by 0.87 mi. e. of, at bend in road to s. e., 200 ft. e. of house on s. side of road, on n. side of road at fence line, in s. e. root of 14-in. oak tree; copper B. M. nail marked "951.8"	951.77
North Uniontown, 1 mi. n. of, at +rds., on w. side of pike and e. side of s. rd., 30 ft. n., of n. fence line of rd. to e., near top of bank between rds., in e. root of 24-in. locust tree (three forked); copper B. M. nail marked "978.0".	977.93
North Uniontown, 1 mi. n. by 1 mi. w. of, at s. side road +ing Elk Run, on w. bank of creek, in 10 in. sycamore; copper B. M. nail marked "848.6"	848.52

Point 1.6 mi. w. of Louden n. w. via rds. to 2 mi. s. e. of Belfast

Louden, 1.6 mi. w. of, on stone abut., on s. e. cor. of iron bridge over Flat Run; chiseled circle marked "729.6"	729.61
Louden, 2.62 mi. w. of, 20 ft. s. of s. w. cor. of +rds., 8 ft. e. of property line in rd., on limestone 1.5 ft. in diam., 3" above rd. bed; chiseled square marked "854.5"	854.52

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Latham s. w. along highway to Groom's store

	Feet
Latham, 1.31 mi. s. w. of, 280 ft. s. of private rd. to e., 500 ft. s. of A. A. Beekman's res., on s. w. cor. of wooden bridge over right hand fork of Grassy Fork, on top of 2" plank; copper B. M. nail marked "654.5"	654.48
Latham, 2.1 mi. s. w. of, at 2nd class rd. to e., on w. side of rd. at O. Beekman's house, on lower stone step to house; chiseled square marked "690.9"	690.90
Latham, 2.66 mi. s. w. of, at T road s. e., 175 ft. n. e. of Grassy Fork schoolh., 30 ft. south of s. e. cor. of Taylor's barn, on s. side of rd., in root on rd. side of n. tree of three apple trees; copper B. M. nail marked "730.9"	730 97
Latham, 2.66 mi. s. w. by 1.10 mi. s. e. of, at +rds., at Whiteoak Church on top of ridge between Grassy Fork and Chenoweth Fork, in n. e. corner of rds. in w. root of 6-in. walnut tree; copper B. M. nail marked "1225.95"	1225 99
Poplar Grove, 2.5 mi. s. e. by 0.7 mi. n. e. of, on road n. e. to Chenoweth Fork, in front of first house n. e. of +rds., n. e. of Grooms' store, on e. side of road opposite house, on top of rock; chiseled square marked "1004.05"	1004.11

Duke w. via Poplar Grove to Mayhill

Duke, 2.3 mi. n. w. of, n. of highway opposite lane leading to W. V. Thompson's res., on stone marking corner of Scioto and Pike counties; chiseled circle	1239.91
Duke, 3.3 mi. n. w. of, at road +ing, 30 ft. w. of store belonging to Thomas Grooms; **Iron post** stamped "1227"	**1227.178**
Poplar Grove, 5.9 mi. n. w. of Duke, 40 ft. n. of store; **Iron post** stpd "1135"	**1134.652**
Louden, 2.7 mi. e. of, n. side of pike at T rd., about 500 ft. w. of Andrews school building; spike in root of large oak tree	772.87
Louden, about 20 ft. from n. w. cor. of store on n. side of pike near teleph. pole; **Iron post** stamped "782"	**782.310**

Batavia Quadrangle

Mount Carmel s. e. along rd. to Olive Branch, thence s. and e. to near Locust Ridge (portions of line)

Olive Branch, 0.9 mi. w. of, 600 ft. n. e. of C. G. & P. Ry., 3 feet inside fence cor., w. of rd. intersection, at T rd. s.; **Iron post** stamped "Ohio 826"	**826.21**
Olive Branch, on lower step of Olive Branch school; chiseled square	792.00
Alamo crossing; top of rail	814.2
Brazier Sta., 30 ft. e. of, s. side of road, top of stone on culv.; chiseled sq.	859.53
Amelia, near +ing of two interurban tracks, in n. e. corner of Charles Pommert's front yard; **Iron post** stamped "Ohio 877"	**877.041**
Amelia, at e. corporation line, at T rd. s., at St. cor., in front of Terrill Tea House; nail in root of maple tree	875.87
Hamlet, 0.5 mi. e. of postoffice, 50 ft. e. of rd. cor., at T rd. n., on n. side of rd. on concrete culvert; chiseled square	879.29
Mount Holly, at postoffice, on concrete platform, 6 ft. w. of doorway and 6 in. from bldg.; chiseled square	875.99
Mount Holly, 0.6 mi. s. e. of, on I. & T. Elec. Ry. track, 200 feet w. of high trestle, on w. abut. of small brg. over creek, on top of stone; chiseled sq.	829.70
Bantam, 0.5 mi. west of, s. side of Bethel-Cincinnati road, in front of res. of Frederick Rapp; **Iron post** stamped "Prim. Trav. Sta. No. 94, 1909—Ohio—802"	**801.494**

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	Feet
Bantam, 1.9 mi. e. of, at +rds., Antibantam school, District No. 3, on lower concrete step; chiseled square	862.51
Concord Baywood, 1.2 miles s. of, at +roads, on front door stone of the Ed. Cowgill house; chiseled square	867.20
Locust Ridge, 1.5 mi. n. of, n. side of road, at T road s., in base of telephone pole; spike marked "914.0"	914.06

Olive Branch e. via rds. and N. & W. Ry. to Eastwood

Olive Branch, 0.7 mi. e. of, 50 ft. east of highway and Ry. intersection on n. end of e. abut. of cattle underpass, on top of stone; chiseled square	766.65
Batavia, 1.3 mi. n. w. of, 60 ft. n. of Sycamore +ing, on n. e. abut. of brg. over cr., on top of cor. stone; chiseled square	584.29
Batavia, at N. & W. Ry. sta., at n. front window ledge of ticket office; chiseled square	595.69
Batavia, at s. cor. of Court House, 2 ft. from cor.; **iron post** stamped "Ohio 595"	**595.918**
Batavia, 1.3 mi. e. of, at Tate's cor., 80 ft. w. of road cor., s. edge of road in root of maple tree; copper B. M. nail	835.12
Batavia, 2.2 mi. e. of, 150 ft. w. of T rd. s. w., in front of Summit No. 6 School, in root of maple tree; copper B. M. nail	876.27
Afton, 0.9 mi. w. of, 50 ft. n. of track, e. side of highway, at +ing; **iron post** stamped "Ohio 863"	**863.271**
Afton, 20 ft. e. of N. & W. Ry. sta., on sandstone curbing; chiseled square	893.06
Williamsburg, 0.7 mi. w. of, 20 ft. n. of track and 10 ft. w. of highway, at +ing, in base of corner fence post; spike	879.74
Williamsburg, 50 ft. e. of N. & W. Ry. sta., in n. e. cor. of Charles Mc Adam's lot; **iron post** stamped "Ohio 820"	**819.580**
Williamsburg, 1.5 mi. e. of, at Hagerman's +ing, 40 ft. e. of highway, n. of track, on top of w. end of culvert; chiseled square	897.74

Olive Branch via roads n. and n. e. to Marathon, thence 0.5 mi. s.

Olive Branch, 1.3 mi. n. e. of, at rd. cor. near top of hill, in base of large oak tree; copper B. M. nail	818.89
Gernon station, 60 ft. s. of, in base of telephone pole; spike	573.26
Stonelick, at rd. cor. w. of brick schoolh., 6 ft. w. of little iron brg., on boulder; chiseled square	546.70
Owensville, 1.1 mi. w. of, at +rds., 10 ft. s. of traction ry., on bell end of 12-in. vitrified drain pipe; chiseled square	850.85
Owensville, in western part of town, 20 ft. s. by 15 ft. e. of cen. of T pike n.; **iron post** stamped "Prim. Trav. Sta. No. 98, 1909—Ohio—881"	**880.980**
Owensville, 0.8 mi. e. of, at T rd. n., s. side of rd., in base of teleph. pole; spike	865.61
Owensville, 1.3 mi. e. of, on concrete brg. over dry cr., in s. abut., 2 ft. w. of e. end; chiseled square	837.11
Monterey, 1.3 mi. w. of, at T rd. n., e. of highway +ing of interurban track; top of north rail	887.0
Monterey, on lower front step of Christian Church; chiseled square	905.16
Monterey, 0.6 mi. e. of, at +rds., in front yard of J. B. Turner, in root of maple tree; copper B. M. nail	911.50
Monterey, 1.3 mi. east of, at T rd. s., in yard of B. H. Maxwell, on concrete well curb; chiseled square	910.96
Marathon, 1 mi. s. w. of, 800 ft. n. e. of T rd. s., on top of s. side of concrete culvert; chiseled square	905.89

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	Feet
Marathon, in postoffice building, on s. e. cor. stone of found.; chiseled square	917.93
Marathon, 0.5 mi. s. of, 20 ft. due e. to west end of covered bridge; **iron post** stamped "Prim. Trav. Sta. No. 90, 1909—Ohio—878"	**877.726**
Point 1.3 mi. e. of Monterey s. along highway to Williamsburg	
Blowville, 1.8 mi. n. of, at +rds., on s. w. cor. of front lawn of J. B. Glancy; **iron post** stamped "Ohio 896"	**896.417**
Blowville, 1 mi. n. of, at T rd. n. e. of rd. crossing, on top stone of culvert; chiseled square	899.25
Blowville, at crossroads, 50 ft. s. e. of road intersection, on concrete culvert, curb; chiseled square	898.90
Blowville, 1.5 mi. s. w. of, at T rd. w. on lower step of Alpine District No. 9 school; chiseled square	903.54
Williamsburg, 0.8 mi. n. w. of, at crossroads, 50 ft. s. of corner in root of oak tree; copper B. M. nail	890.06
Blowville east and north along highway 2 miles	
Blowville, 1 mi. e. of, at T road w., n. w. of road corners; iron spike in base of telephone pole	881.76
Harbaugh School, crossroads at, in base of telphone pole; spike	906.23
Stonelick n. to Mulberry, thence e. to 1.2 miles e. of Lerado	
Perintown, 0.7 mi. e. of, at T rd. n. e., 50 ft. e. of iron bridge over creek, 2 ft. from fence n. side of road; **iron post** stamped "Ohio 531"	**531.065**
Perintown, on concrete top step of postoffice; chiseled square	536.60
Perintown, at 3rd Sub Dist. school, n. w. cor., on top step; chiseled square	533.35
Perintown, 2.1 mi. n. of 450 ft. n. of T rd. w., in root of large oak tree; copper B. M. nail	850.67
Mulberry, 1.2 mi. s. of, at crossroads, near n. w. corner of Sub-District School No. 2, on well curb; chiseled square	878.15
Mulberry, 0.3 mi. s. e. of, at highway and interurban ry. +ing, 15 ft. n. of track at w. edge of rd.; **iron post** stamped "Ohio 843"	**843.244**
Mount Repose crossing, 80 ft. s. of interurban trk., on e. side of highway, in root of locust tree; copper B. M. nail	879.33
Deerfield road +ing, 100 ft. n. w. of highway and interurban +ing, in root of maple tree; copper B. M. nail	887.60
Goshen station, at sta., e. edge of highway, 35 ft. n. of interurban track, at +ing; **iron post** stamped "Ohio 897"	**896.980**
Belfast, e. of station, in base of trolley pole; spike	891.43
Modest crossing, 15 ft. n. of track, on west side of road, on top of stone of culvert; chiseled square	881.39
Newtonsville, 0.5 mi. w. of, at Emery's +ing, 15 ft. w. of highway in trolley pole; spike	897.20
Newtonsville, at southeast cor. of Newtonsville Methodist Church; **iron post** stamped "Ohio 907"	**906.455**
Newtonsville, 1.7 mi. e. of, at +roads, 60 feet n. of road cor., on s. e. cor. of bridge; chiseled square	912.81
Newtonsville, 2.5 mi. e. of, at +roads, on top stone n. e. abut. of small brg.; chiseled square	922.73
Lerado, at +rds., in front of res, of Maggie Bresline, 30 ft. e. of road cor.; **iron post** stamped "Ohio 941"	**940.551**

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Point 2 mi. e. of Blowville e. to Buford (portion of line)

Blowville, 2.2 mi. e. of, at T rd. s., on culvert stone; painted square	911.06
Blowville, 2.7 mi. e. of, at 3 roads, on wooden culvert; painted square	904.34
Crosstown, opposite T rd. n., 60 ft. e. of stone, at fence cor. in root of tree; copper B. M. nail	912.81

Newtonsville n. e. along electric railroad to West Woodville

Woodland Park, opposite entrance, in root of walnut tree; copper B. M. nail	900.48
Edenton, 1.2 mi. s. of, 30 ft. n. of highway at highway and interurban railway crossing, in base of trolley pole; spike	903.76
Edenton station, 100 feet south of, 20 ft. north of track, 10 ft. south of rd.; **iron post** stamped "Ohio 902"	**901.675**
Costa, opposite station, in base of s. post of milk platform; spike	908.81
West Woodville, 0.8 mile south of, at Hogan's crossing, in yard of D. Hogan, in base of north cedar tree; copper B. M. nail	934.80

Bellefontaine Quadrangle

Point 2.9 mi. e. of Huntsville along highways south to Bellefontaine

	Feet
Bellefontaine, 6.4 mi. n. of, n. w. cor. of +rds., 6 ft. w. of milepost, in base of cor. fence post; copper B. M. nail	1249.15
Bellefontaine, 5.4 mi. n. of, n. e. cor. of T rd. n., in base of cor. fence post; copper B. M. nail	1273.37
Bellefontaine, 2 mi. n. of, 300 ft. n. of res. of C. A. Stevenson, on n. w. abut. of small iron bridge; chiseled square	1313.54
Bellefontaine, 1.1 mi. n. of, s. e. cor. of T rd. e., 125 ft. w. of W. A. Dowell's res.; mark not described	1320.46

2.5 mi. w. of Bloom Center e. and n. via rds. to 1.7 mi. n. w. of Lewistown

Bloom Center, 2.5 mi. w. of, n. e. cor. of +rds.; **iron post** stamped "1011"	**1011.435**
Bloom Center, 2 mi. w. of, n. side of rd. at T rd. s., in n. e. cor. of concrete step to brick schoolhouse, (District No. 5); chiseled square	1018.22
Bloom Center, 1.5 mi. w. of, n. w. cor. of +roads, w. end of iron drain pipe; chiseled square	1011.87
Bloom Center, 1 mi. w. of, on s. side of rd. at s. e. cor. of T rd. n., on stone box culvert; chiseled square	1007.84
Bloom Center, 0.75 mi. w. of, s. w. cor. of T rd. s., s. w. cor. of stone box culvert; chiseled square	1016.95
Bloom Center, in s. w. cor. of + rds., s. w. cor. of concrete step to e. entrance of Methodist Church; chiseled square	1009.44
Bloom Center, 1.1 mi. e. of, at T rd. s., on w. abut., n. wing wall of steel brdg. over Muchinippi Creek; chiseled square	983.56
Lewistown, 0.5 mi. s. w. by 1.7 mi. w. of, road forks on w. bank of Great Miami River, w. abut., steel frame of s. wing wall; chiseled square	986.98
Lewistown, 0.5 mi. s. w. by 1.2 mi. w. of, s. e. cor. of rd. forks; **iron post** "1014"	**1013.583**
Lewistown, 0.5 mi. s. w. by 1 mi. w. of, s. w. cor. of T rd. n., on s. side of rd., on stone box culvert; chiseled square	995.28

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	Feet
Lewiston, 1.25 mi. n. w. of, on w. side of rd. at T rd. e. in base of fence post; copper B. M. nail	992.42

Near Lewistown s. by road to 4 mi. s. of Degraff

Hazelton, 3.25 miles w. by 0.5 mi. north of, on w. side of road at T road e., in base of fence post; copper B. M. nail	1051.44
Hazelton, 3.25 miles w. by 0.3 mi. n. of, n. w. corner of T road w., in base of fence post; copper B. M. nail	1033.61
Hazelton, 3.25 miles w. of, on w. side of road at T road e., on concrete base of fence post; **chiseled square**	**1019.797**
Hazelton, 3.25 miles w. by 0.5 mi. s. of, on e. side of road at T road w., on stone box culvert; chiseled square	1004.78
Hazelton, 3.25 miles w. by 1 mi. s. of, on w. side of road at T road e., on iron drain pipe; chiseled square	1015.97
Degraff, 4.5 miles n. of, s. e. corner of T road s.; **iron post** stamped "1026"	**1025.774**
Degraff, 3.5 miles n. of, n. abutment w. wing wall of small wooden bridge across creek; chiseled square	1014.94
Degraff, 2.7 miles n. of, 1 mi. n. e. of Logansville, s. w. corner of crossroads, on stone doorsill of brick schoolhouse, (Sub-District No. 1); chiseled sq.	1076.79
Degraff, 2 mi. n. of, n. e. cor. of lane e. to Delmar Longfellow's residence, on top of concrete fence post; chiseled square	1059.21
Degraff, 1 mile n. of, s. e. cor. of +rds., in base of fence post; copper B. M. nail	1022.15
Degraff, e. side of town, s. e. cor. of rd. forks, on concrete +ing; chiseled sq.	1004.48
Degraff, n. w. corner of public school grounds; **iron post** stamped "1009"	**1008.713**
Degraff, 200 ft. w. of station, at Big Four Ry. crossing; top of south rail	994.4
Degraff, 0.4 mi. s. of Big Four tracks, s. e. corner of road forks, on concrete steps in front of residence; chiseled square	1030.06
Degraff, 0.4 mi. s. by 0.4 mi. s. w. of, rd. forks, in top of wooden drain; nail	996.88
Degraff, 0.4 mi. s. by 0.8 mi. s. w. of, 2.5 mi. e. of Quincy, n. w. cor. of T rd. w., in base of mail box post; copper B. M. nail	974.08
Quincy, 2.5 mi. e. by 0.5 mi. s. of, 200 ft. s. of T rd. w. on s. abutment, e. end of steel bridge; chiseled square	999.73
Quincy, 2.5 mi. e. by 1.5 mi. s. of, s. w. cor. of crossroads, on large red granite boulder; chiseled square	1081.64
Quincy, 2.5 mi. e. by 2.5 mi. s. of, w. side of rd. at T rd. e.; **iron post** "1101"	**1100.664**
Quincy, 2.5 mi. e. by 3 mi. s. of, 4 mi. s. of Degraff on e. side of rd. at T rd. w., on large granite boulder; chiseled square	1125.17

Point 3 mi. s. of New Hampshire s. via road to near Lewistown, thence e. and n. to near Belle Center

Lakeview, 1.9 mi. n. of, 150 ft. s. e. of res. of G. W. Morris, on second step of s. w. abutment of small wooden bridge; chiseled square (on Alger quad.)	999.13
Lakeview, 0.8 mi. n. of, on w. end of 15-in. steel drain under pike; highest point	994.49
Lakeview, surface of water in Indian Lake; July 3, 1913, 7 a. m.	995.5
Lakeview, s. w. cor. of concrete cistern top, at n. e. cor. of crossroads, 200 feet w. of postoffice; chiseled square	994.28
Lakeview, 0.5 mi. s. of, n. w. corner of crossroad; **iron post** stamped "993"	**993.516**
Lakeview, 1.6 mi. s. of, s. e. cor. of concrete porch at entrance to sub-district No. 6 schoolhouse (Stokes Twp.); chiseled square	989.21
Lakeview, 2.6 mi. s. of, n. e. cor. of brg. over Miami River, on **limestone rock**; highest point	**991.317**

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	Feet
Miami River, surface of water under above bridge; July 5, 1913, 11 a. m....	978
Lakeview, 3.5 mi. s. of, on n. side of stone arch culv., 25 ft. s. of s. w. cor. of crossroads, on west abutment; **chiseled square**.....	**989.875**
Huntsville, 4.2 mi. w. of, 550 ft. e. of T. & O. C. Ry. +ing, 475 ft. w. of res. of S. A. Parner, on end of steel rail at s. w. cor. of small iron brg.; highest pt.	994.89
Huntsville, 3 miles west of, 950 feet w. of residence of F. W. Howard, at T road north; **iron post** stamped "1036".....	**1036.165**
Huntsville, 2.5 mi. w. of, n. w. cor. of +rds., 450 ft n. w. of res. of J. C. McKees, on west end of steel drain tile; highest point.....	1037.62
Huntsville, 1.5 mi. w. of, n. w. cor. of iron brg. over Cherokee Creek, 400 ft. w. of Wm. B. Brackney's res., in n. w. cor. of concrete abut.; chiseled sq.	1041.30
Huntsville, 0.6 mi. n. w. of, at Ohio Electric Ry. crossing; top of east rail...	1053.3
Huntsville, 0.4 mi. north of, 250 feet west of T road west, on north end of 4-foot steel drain under pike; highest point.....	1059.92
Huntsville, 0.4 mi. s. of, n. w. cor. of +rds., 300 ft. e. of Ohio Electric car line, 200 ft. n. of res. of Andy Harlan; **iron post** stamped "1080".....	**1080.329**
Cherokee, 0.8 mi. e. of Huntsville, s. e. cor. of +rds, 100 ft. n. e. of res. of J. A. Horner, on s. e. cor. of stone culvert under pike; chiseled square....	1130.49
Huntsville, 1.8 miles east of, northwest corner of T road west, in base of corner fence post; copper B. M. nail.....	1144.87
Huntsville, 3 miles east of, northwest corner of crossroads, in root of 3-foot white oak tree; copper B. M. nail.....	1223.16
Huntsville, 3 miles east by 1.8 mi. n. of, 50 feet north of northwest corner of Johnston cemetery, at crossroads; **iron post** stamped "1066".....	**1067.015**
Belle Center, 2 miles southwest of, at C. C. C. & St. L. Ry. crossing, on northeast abutment of small wooden bridge; chiseled square.....	1036.84
Belle Center, 1.2 miles s. w. of, at Big Four R. R. +ing; top of north rail...	1047.7
Point 3.25 mi. west of Hazelton, via rds. easterly to Bellefontaine	
Hazelton, 2 mi. w. of, n. e. cor. of T road north, in base of fence post; spike	1029.44
Hazelton, 1.25 miles west of, northwest corner of crossroads, at Pleasant Valley Church; **iron post** stamped "Prim. Trav. Sta. No. 90—1910—1046"..	**1045.940**
Hazelton, road crossing, Toledo & Ohio Central Railroad; top of west rail .	1075.1
Hazelton, southwest corner of crossroads, in base of telephone pole; spike	1068.59
Hazelton, 1 mile south of, bend in road at lane to J. W. Swank's residence, on west side of road, telephone pole, in base of; spike.....	1064.46
Bellefontaine, 5 mi. west of, on Sidney road, southeast corner of crossroads at Miller schoolhouse, in base of fence post; copper B. M. nail.....	1060.42
Bellefontaine, 4.5 miles west of, T road south and private road north, northeast corner of, in base of fence post; spike.....	1089.39
Bellefontaine, 4.2 miles west of, on Sidney road, northwest corner of T road north, west of center of crossroads; **iron post** stamped "1101".....	**1101.126**
Bellefontaine, 2.8 mi. w. of, n. e. cor. of private rd. n., in base of fence post; spike	1133.20
Bellefontaine, 1.8 mi. w. of, s. e. corner of crossroads on stone doorsill, of small brick township house; chiseled square.....	1163.21
Bellefontaine, 0.8 mile west of, on Columbus Street, southwest corner of T road south, in base of telephone pole; spike.....	1194.74
Bellefontaine, +ing of West Columbus St. and T. & O. C. Ry.; top of e. rail	1216.9
Bellefontaine, +ing of West Columbus St. and C. C. C. & St. L. Ry.; top of e. rail	1217.2
Bellefontaine, +ing of West Columbus St. and C. C. C. & St. L. Ry.; top of w. rail	1222.2

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	Feet
Bellefontaine, crossing of Main and Columbus Sts., Ohio Electric Railway, in center of cross streets; top of east rail	1244.9
Bellefontaine, 20 ft. w. of n. entrance to courthouse; **iron post** stamped "1251"	**1250.880**

Bellefontaine s. along highway 4 miles, thence w. to Degraff

Bellefontaine, 1 mile s. of courthouse, n. e. corner of crossroads, on red granite boulder near telephone pole; chiseled square	1224.50
Bellefontaine, 1.2 mi. s. of, at road crossing T. & O. C. Ry.; top of s. rail	1228.2
Bellefontaine, 2 mi. s. of, on e. side of rd. at T rd. w., in base of fence post; spike	1214.64
Bellefontaine, 3 mi. s. of, at small steel bridge over McKees Creek, n. e. cor. of T road w., on n. abutment; chiseled square	1192.87
Bellefontaine, 3.2 miles s. of, s. e. corner of T road e., on end of iron drain pipe; painted square	1198.39
Bellefontaine, 4 mi. s. of, s. w. corner of +roads; **iron post** stamped "1216".	**1215.843**
Bellefontaine, 4 miles s. of, road crossing Ohio Electric Railroad at Jewell Hill station; top of west rail	1169.5
Bellefontaine, 4 miles s. of, at road +ing C. C. C. & St. L. Ry.; top of w. rail	1168.4
Bellefontaine, 4 miles s. by 1 mi. w. of, in s. w. corner of T road south, on niggerhead boulder; chiseled square	1151.19
Bellefontaine, 3.5 miles s. by 1.5 miles w. of, s. w. corner of T road w., on red granite boulder; chiseled square	1175.86
Bellefontaine, 1 mi. s. by 3 mi. s. w. of, s. e. cor. of crossroads, on end of iron drain pipe; chiseled square	1132.38
Degraff, 5.7 mi. e. of, 0.2 mi. s. w. of Lake Branch M. E. Church, s. w. cor. of road forks; **iron post** stamped "1108"	**1108.488**
Degraff, 4.6 mi. e. of, n. w. cor. of T road n., on concrete base of fence post; chiseled square	1071.51
Degraff, 4.3 mi. e. of, on n. side of rd. at T rd. s., in base of fence post; copper B. M. nail	1063.62
Degraff, 3.3 mi. e. of, s. w. cor. of small steel bridge in center of crossroads, on w. abutment, n. wing wall; chiseled square	1011.0
Degraff, 2.3 mi. e. of, cen. of crossroads, on section stone; chiseled square	1008.61
Degraff, 1.7 mi e. of, in n. w. cor of bridge floor over Stony Cr.; top of bolt	989.66
Degraff, 1 mi. e. of, s. w. cor. of T rd. s., on large boulder near fence post	1032.71
Degraff, 0.8 mi. e. of, on s. side of rd. at T rd. n., in base of telephone pole; copper B. M. nail	1008.24
Degraff, on e. side of town, at rd. +ing; top of e. rail of C. C. C. & St. L. Ry.	997.1
Degraff, n. w. cor. of public school grounds; **iron post** stamped "1009"	**1008.713**

Point 4 miles s. of Bellefontaine s. to West Liberty

West Liberty, 2.5 mi. n. of, 40 ft. n. w. of center of +roads, on large granite boulder; chiseled square	1195.10
West Liberty, 1.5 mi. n. of, n. w. corner of +rds., in root of large oak tree; copper B. M. nail	1164.48
West Liberty, 1.5 mi. n. of, on e. side of road at rd. forks, in base of telephone pole; copper B. M. nail	1163.54
West Liberty, n. end of Detroit St., in cen. of rd. forks, in base of telephone pole; copper B. M. nail	1097.23
West Liberty, 10 feet e. of s. entrance to school blg.; **iron post** stamped "1111"	**1110.752**

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Point near Quincy north to point east of Jackson Center

	Feet
Quincy, 3 mi. s. of, at n. e. cor. of M. E. Church, 150 ft. s. of T rd. e., near s. e. corner of sec. 27; **iron post** stamped "1091 Ohio"	**1090.957**
Quincy, 2 mi. s. of, highest point on large sq. witness stone, marked on n. "Logan County," on s. "Champaign County," on w. "Section corner 20 ft. w., 20 feet s.," and on e. side "County line 20 feet s."	1093.59
Quincy, 1 mi. s. of, on large granite rock, at s. w. cor. of T rd. w.; chiseled sq.	1077.64
Quincy, in s. w. cor. of schoolhouse yard; **iron post** stamped "1057 Ohio"	**1057.123**
Quincy, 2.9 mi. n. of, 30 ft. e. by 20 ft. n. of cen. of +rds., 200 ft. e. of J. B. Black's res., 0.3 mi. n. of s. w. cor. of sec. 10, **iron post** stamped "1063 Ohio"	**1063.259**
Quincy, 3.5 mi. n. of, in cen. at e. side of coping stone of brdg.; chiseled sq.	1032.31
Maplewood, 2.25 mi. e. of, under wagon rd., 15 ft. e. by 15 ft. s. of n. w. cor. of sec. 34, T. 2, R. 8 E.; top of s. end of castiron culvert	1012.18
Maplewood, 2.75 mi. e. of, at s. e. cor. of +rds, quarter cor. on n. side of sec. 34, T. 2, R. 8 E.; **iron post** stamped "Prim. Trav. Sta. No. 33—1909—1004"	**1004.464**
Maplewood, 2.25 mi. e. by 1 mi. n. of, 100 feet w. of Rum Run M. E. Church, s. side of bridge over Rum Run; chiseled square on e. abutment	1004.26
Jackson Center, 2.5 mi. e. by 2.5 mi. s. of, 0.3 mi. e. of quarter corner on. w. side of sec. 21, T. 7 S., R. 8 E.; copper nail in top of fence post	1014.46
Jackson Center, 2.5 mi. e. by 1.5 mi. s. of, 25 ft. e. by 20 ft. n. of quarter cor. on w. side of sec. 19, T. 7 S., R. 8 E.; **iron post** stamped "1011 Ohio"	**1011.435**
Jackson Center, 2.5 mi. e. of, at intersection of crossroads, at s. e. corner sec. 12, T. 7 S., R. 8 E.; top corner stone	1019.27
Jackson Center, 2.5 mi. e. by 1 mi. n. of, in center of T rd. w., at s. e. corner of sec. 1, T. 7 S., R. 8 E.; highest point on corner stone	1013.46

Belleville Quadrangle

Near Newberry Island to point below Belleville Island
(precise line of Army Engineers)

Newberry Island, about 200 ft. above foot of, Army Engineers U. S. B. M. 194-A. On **top of stone** w. side of open culvert of Ohio River Ry. over small brook, 10.9 ft. n. of center of track; Elev. 603.654	**603.179**
Mustapha Island, about 1200 ft. above head of, Army Engineers U. S. B. M. 195-A, on w. **abutment of culvert** under Ohio River Ry. (B.&O.) at Beadle Run, 23 ft. w. of cen. of track, 7 ft. n. of s. end of culv.; Elevation 590.997	**590.521**
Lee Creek, W. Va., top of **w. end of n. pier** of Ohio River Ry. bridge over, Army Engineers U. S. B. M. 200-A, 3½ mi. above Belleville, W. Va., 6 ft. w. of cen. of track; Elev. 596.238	**595.762**
Pond Creek, W. Va., about 1200 ft. n. of Pond Creek R. R. sta.; Army Engineers U. S. B. M. 204-A, **top of capstone** e. end of Ohio River Ry. culv., 62 ft. s. e. from old well, B. M. is 1.3 ft. n. of s. end, 1.3 ft. w. of e. face of culv., 23 ft. e. of cen. of track; Elev. 599.527	**599.050**
Pond Creek, W. Va., 1¼ mi. below foot of Belleville Island; Army Engineers U. S. B. M. 204-B; on top of **cushion stone**, of n. pier of Ohio River Ry. brg. over mouth of Pond Creek, 8.5 ft. w. of cen of track; Elev. 603.292	**602.815**

Bellevue Quadrangle

Near Clyde n. e. along highways to Sand Hill

Clyde, s. e. corner of Maumee pike and Main Street; top of water plug	682.58
Clyde, 1.5 mi. n. of city line, at n. w. cor. of +rds., running n. to Vickery; top of hollow iron post set slantingly in ground	681.93

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	Feet
Townsend, n. e. ¼ sec. 34, T. 5 N., R. 17 E., on n. ridge rd., at n. e. cor. of. found. of schoolh.; **aluminum tablet** stamped "678 Toledo"	**678.704**
Clyde, 6 mi. n. e. of, on sec. line between sec. 34 and 35, on top of large red granite boulder at n. w. cor. of +rds., North Ridge rd.; artificial point	680.46

Point 5 mi. n. e. of Clyde n. and w. along highway and return

Vickery, 0.5 mi. n. of, on stone level with roadbed at s. e. cor of +rds., secs. 17, 18, 19 and 20; cross cut	597.22
Vickery, 1 mi. w. of, n. side of sec. 24, T. 5 N., R. 16 E., in s. e. abut. of brg. over Pickerel Creek; **bronze tablet** stamped "588 Toledo"	**589.190**
Townsend, 1.25 mi. n. of, at n. w. cor. of +rds., sec. 22, in cen. of sq. stepping block; chiseled cross	620.03
Townsend, 0.25 mi. n. of, about 10 ft. n. e. of cen. of +rds.; top point of blue stone in ground	638.56

Bellevue south to Flat Rock

Bellevue, at s. w. cor. of +ing of L. S. & M. S. Ry. and Penna. Ry.; n. e. cor of concrete foundation of semaphore, marked "754.104"	754.48
Bellevue, 1.5 mi. s. by, 0.5 mi. w. of, near road +ing, at n. w. cor. of trestle culvert; top of bolt	779.80

Bellevue e. along highways to North Monroeville

Bellevue, at s. cor. of Burdette Hotel, in wall; **aluminum tablet** stamped "751 Toledo"	**751.289**
Bellevue, 0.92 mi. e. of, at e. city limits, top of east stone at s. side of stone arch culvert over Big Ditch; chiseled square	762.76
Bellevue, 1.48 mi. e. of, s. e. corner of +rds., in root on n. e. side of 15-inch maple tree; copper B. M. nail	760.62
Bellevue, 2.73 mi. e. of, 40 ft e. of T road n., on n. side of e. road, in root on s. e. side of 4-ft. poplar tree; copper B. M. nail	762.02
Bellevue, 4 mi. e. of, T rd. n. at, 200 ft. w. of T rd. to s., n. w. cor. of rd. forks in root on s. w. side of 15-in. poplar tree; copper B. M. nail	753.18

Weyers to Sand Hill

Weyers, s. w. of, n. side of sec. 2, T. 5 N., R. 24 W., in face of abut. wall at s. w. cor. of brdg. over creek; **aluminum tablet** stamped "694 Toledo"	**694.874**
Sand Hill, 0.5 mi. w. of, sec. 2, T. 5 N., R. 23 W., at n. w. cor. of white church, in face of watertable; **aluminum tablet** stamped "734 Toledo"	**735.098**

Point near Clyde northeast to Townsend

Clyde, 0.75 mi. w. of, T rd. w. at, n. quar. cor. of s. w. cor. of sec. 14, T. 4 N., R. 16 E., s. w. cor. of roads, at fence cor., in root on w. side of 2-ft. maple tree; copper B. M. nail	670.17
Clyde, Ohio National Guard Armory Bldg., at cor. of N. Main St. and Washington Ave., 8 feet n. of entrance in watertable e. side of bldg.; **aluminum tablet** stamped "688 Ohio"	**687.923**
Clyde, 1.10 mi. n. e. of, 150 ft. s. w. of Big Four R. R. +ing North Ridge rd., at fence line north side of road, in root on s. w. side of 15-in. maple tree; copper B. M. nail	676.74
Clyde, 2 mi. n. e. of, at Big Four mi. post "S. A. N. 15", w. side of track, top of s. concrete post of rail stand; top of spike on track side	662.87

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	Feet
Clyde, 3 mi. n. e. of, at Big Four mi. post "S. A. N. 14", w. side of track, top of n. w. cor. of n. concrete post to rail stand; chiseled square	656.41
Clyde, 4 mi. n. e. of, Big Four milepost "S. A. N. 13", n. side of track, 810 ft. s. w. of +ing n.-s. rd., top of w. concrete post of rail stand; top of n. spike	654.78
York Station, 0.75 mi. s. w. of, n. side of track, at Big Four milepost "S. A. N. 12", at top of e. end of concrete post of rail stand; top of s. spike	652.67
York Station, e. side of n.-s. road, at cen. of stone curbing, w. end of station platform, n. side of track; top of chiseled square	648.05

Berea Quadrangle

Parma, via Bennetts Corners and Hardscrabble to crossroads 3 mi. e. of Grafton

Parma, 2 mi. s. of +rd., on end at s. w. abut. of small brg., 175 ft. n. of intersection	886.26
Parma, 3 mi. s. of, on n. e. cor. of rd. w.; on top of boulder	942.43
Royalton, 1 mi. w. of, on w. wall of small culv. about 800 ft. s. of rd. cor.	897.86
Bennetts Corners, 2 mi. n. e. of, rd. to n. e., on s. w. end of s. e. wall of culvert just n. of intersection	863 83
Bennetts Corners, 1.5 mi. n. e. of, on s. w. wing of wall of brg. over e. branch of Rocky River	842.44
Bennetts Corners, on s. w. cor. of +rds., in top of end of drain; **bronze tablet** stamped "1058 Cleveland 1901"	**1058.088**
Bennetts Corners, 1 mi. s. of, on end of drain on n. w. corner	1129.06
Hardscrabble, 3 mi. e. of, n. cor. of watering trough, on s. e. cor. of +road.	1012.66
Hardscrabble, 2 mi. e. of, on small boulder s. edge of highway, 100 ft. e. of +road	975.96
Hardscrabble, 1 mi. e. of, on n. e. abut. of small brg. at bottom of gulley	830.05
Hardscrabble, on n. e. abut. of brg., west branch Rocky River	794.68
Hardscrabble, bridge over w. branch of Rocky River northeast sill of; **bronze tablet** stamped "794 Cleveland 1901"	**794.657**
Hardscrabble, 2 miles west of, bridge over stream to north, northwest abut. of, on northeast corner of; mark	852.02

West Cleveland via Rocky River, Trinity and Berea to point 2 mi. n. of Parma

Rocky River, 2 mi. e. of, on s. w. curb, cor. of Lake and Belle Ave.; circle cut	637.97
Rocky River, 200 ft. e. of sta., N. Y. C. & St. L. Ry. small brg. over private rd., s w. abut. of, in sill between girder and capstone and about 2 ft. below rail; **aluminum tablet** stamped "655 Cleveland 1901"	**654.865**
Rocky River, 1.25 mi. w. of, on n. w. abut. of small brg. over gulley	627.30
Dover Bay, road s., w. of Dover Bay Club House, on s. e. cor.; cut	629.77
Dover Bay, 1.5 mi. w. of, on e. end of n. wall of culv. over stream n.; cut	614.80
Eagle Cliff, on s. e. cor. of stone wall cover in triangle; cut	625.64
Eagle Cliff, 2.5 mi. s. w. of, +rd., w. end of n. side of culv., e. side of +roads	629.00
Fields P. O., intersec. with s. ridge rd. on e. edge of stone well cover; cut	780.02
Olmstead Falls, 3.25 mi. w. of, rd. to n.; on **small rock** at w. end of drain, n. side of intersec	**784.857**

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	Feet
Olmstead Falls, 1.25 mi. w. of, road to n.; on **small rock** on n. w. cor	**782.671**
Olmstead Falls, n. e. abut. of brg. over west branch Rocky River	753.37
Berea, on s. e. abut. of brg. over east branch Rocky River; cut	769.34
Berea, bridge over E. Branch of Rocky River, s. e. wing wall about 2 feet above highway; **aluminum tablet** stamped "769 Cleveland 1901" (destroyed)	**769.354**
Berea, on curb n. e. cor. of Main St. and first +st. s. of Bagley road	791.37
Berea, 3 mi. e. of, 350 ft. n. of intersection with brick road, on n. end of e. wall of small culvert	861.51
Berea, 4.25 mi. e. of, on boulder on n. e. cor. of road to n.	861.38
Parma P. O., 1.25 mi. s. w. of, on s. e. sill of bridge over stream to n. w., 150 ft. e. of stream	846.13
Parma, 1.25 mi. s. w. of, n. e. end of bridge on Cleveland-Medina road, s. e. side of road, in sill; **aluminum tablet** stamped "846 Cleveland 1901"	**846.094**
Parma P. O., 1 mi. n. of, road to e., on small rock on s. e. corner	814.25
Parma, 2 mi. n. of, 500 ft. e. of intersection with rd. e. and w., on n. end of e. sill of bridge	785.54

Berne Quadrangle

Point 1 mi. e. of St. Anthony w. to State line, thence n. to point 1 mi. s. of Van Wert-Mercer county line, thence e. to Rockford

St. Anthony, 1 mi. e. of, 30 ft. e. of crossroads, on e. abutment at n. end of small iron bridge; chiseled square marked "888.1"	888.12
St. Anthony, s. e. cor. of + roads; spike in base of teleph. pole, marked "898.26"	898.24
St. Anthony, 1 mile w. of, s. e. corner of T rd. e., on Ohio-Indiana State line; **iron post** stamped "895"	**895.111**
St. Anthony, 1 mi. w. by 1.4 mi. n. of, at Zion Lutheran Church, 150 ft. w. of +rds., on e. abut. n. wing of small iron brdg.; chiseled sq. marked "867.2"	867.18
St. Anthony, 1 mi. w by 2 mi. n. of, at s. e. cor. of T rd. e.; painted sq. on s. end of iron drain pipe, marked "869.5"	869.52
Wabash, 2.8 miles w. of, n. e. corner of T road e.; chiseled square on north end of iron drain pipe, marked "867.0"	867.00
Wabash, 2.8 mi. w. by 0.8 mi. n. of, 200 ft. n of T road e., 20 ft. e. of center of road; **iron post** stamped "855"	**854.827**
Skeels Crossroads, 1 mi. w. by 0.7 mi. n. of, at s. e. corner of T road e.; nail in s. end of brace to fence post, marked "884.1"	884.08
Skeels Crossroads, 1 mi. w. by 1.7 mi. n. of, s. e. corner of T road e.; painted square on s. end of iron drain pipe, marked "869.7"	869.74
Chattanooga, 1 mi. w. by 2 miles s. of, on State line road, at s. e. corner of T road e.; **iron post** stamped "Prim. Trav. Sta. No. 25—1909—865"	**864.803**
Chattanooga, 1 mi. w. by 1.2 mi. s. of, s. w. cor. of T road e., on s. w. cor. of w. abutment of small iron bridge; chiseled square marked "844.9"	844.90
Chattanooga, 1 mi. w. of, on State line road, n. e. corner of C. W. Heffener's yard, 30 ft. s. e. of center of T road e.; **iron post** stamped "841"	**840.570**
Chattanooga, 1 mi. w. by 1 mi. n. of, s. e. corner of T road e., on stone under e. end of iron brace to telephone pole; chiseled square marked "832.3"	832.41
Chattanooga, 2.5 mi. n. by 0.5 mi. w. of, s. e. corner of T road e., 25 ft. s. e. of center of roads; **iron post** stamped "818"	**817.976**
Chattanooga, 3.5 mi. n. by 0.5 mi. w. of, s. w. corner of crossroads; spike in base of fence post, marked "815.1"	815.14

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	Feet
Chattanooga, 4.25 mi. n. by 0.5 mi. w. of, s. w. corner T road s.; spike in base of fence post, marked "817.4"	817.45
Willshire, 2.5 mi. s. by 0.8 mi. w. of, on State line road, 1 mi. s. of Mercer-Van Wert county line, s. e. corner of T road e.; **iron post** stamped "816"	**816.192**
Willshire, 2.5 mi. s. of, on s. side of road at T road s., at Black Creek township school (district No. 3); spike in base of teleph. pole, marked "808.9"	809.09
Willshire, 2.5 mi. s. by 1.2 mi. e. of, on s. side of road at T road s.; chiseled square on corner stone, marked "820.8"	820.88
Willshire south 2 miles	
Willshire, surface of water in St. Marys River; June 27, 1911	778
Willshire, s. e. corner of State and Simpson Streets, on w. edge of concrete walk, 15 ft. n. of n. w. cor. of Willshire Hotel; chiseled sq. marked "800.2"	800.04
Willshire, 1 mi. s. w. of, on State line road, east side of road at T road w.; spike in base of telephone pole, marked "807.9"	807.79
Willshire, 1.8 mi. s. w. of, at s. e. corner of T road e.; spike in base of fence post, marked "811.8"	811.71

Bidwell Quadrangle

At Vinton

Vinton, corner of Front and College Sts., in stone sill of building; **aluminum tablet** stamped "612 ADJ 1903"	**612.328**
Oakhill crossing via Thurman, Rio Grande, and Rodney to Gallipolis	
Centerville, Thurman schoolhouse, in foundation stone on side facing southwest; **bronze tablet** stamped "696-A"	**694.701**
Rio Grande, north entrance to main building, Rio Grande College, at right angle of steps, in sandstone wall; **bronze tablet** stamped "682-A"	**680.887**
Rodney, 2 mi. e. of, in front door of brick house on n. side of rd., belonging to R. B. Waddell, in sandstone doorsill; **bronze tablet** stamped "671-A"	**670.023**
Point 4 mi. w. of Kyger s. w. to Porter, thence s. to Kerr	
Porter (Pinegrove P. O.) 1.9 mi. n. e. of, iron brg. over Campaign Creek, s. e. end of n. e. abutment, bridge seat; **aluminum tablet** stamped "601 ADJ 1903"	**600.770**
Pinegrove P. O., 1.1 mi. s. of, w. side of culvert over small stream; **aluminum tablet** stamped "740 ADJ 1903"	**740.071**
Evergreen, 1.1 mi. s. e. of, iron bridge over small run, south abutment, east end; **aluminum tablet** stamped "603 ADJ 1903"	**603.388**

Blanchester Quadrangle

Martinsville w. along B. & O. S. W. Ry. to Clinton Valley (precise line)

Martinsville, on east abutment of railroad bridge; **chiseled square** marked "B M" (C. & G. S. B. M. LIX)	**1056.609**
Clinton Valley Station, about 0.3 mi. e. of, on. e. abutment of railroad bridge; **chiseled square** marked "B M" (C. & G. S. B. M. LX)	**990 047**

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Near Clarksville, e. along C. & M. V. Ry. (Penna. lines) to Clinton

	Feet
Clarksville, 0.75 mi. s. w. of, on s. w. cor. of parapet wall w. abut. railroad bridge; **chiseled square**	**807.334**
Clarksville, in northeast corner of J. E. Linn & Co's store; **aluminum tablet** stamped "817 ADJ 1903"	**816.817**
Clarksville, 600 ft. n. e. of sta., 4.5 ft. s. of w. end of sidewalk curb; chiseled sq.	801.62
Clarksville, 0.5 mi. n. e. of, on s. e. cor. of e. abut. ry. bridge; chiseled sq.	807.20
Clarksville, 1 mi. n. e. of, on s. w. cor., s. abut. of iron highway bridge, 125 ft. n. of ry.; chiseled sq.	812.90
Clarksville, 1.25 mi. n. e. of, on n. w. cor. of parapet wall on w. abut. of iron bridge, (railroad), 100 ft. e. of highway; chiseled square	816.58
Clarksville, 2.5 mi. n. e. of, on n. e. cor. of e. abut. of ry. culv.; chiseled sq.	856.50
Clarksville 4 mi. n. e. of, on s. end of e. abut. of ry. brdg.; chiseled sq.	869.60
Ogden, 500 ft. e. of sta., on n. w. cor. of highway brdg., on top of iron parapet; point	903.22
Ogden, 1 mi. e. of, on s. w. cor. of w. abut. of ry. bridge, over Leytle Creek; chiseled square	932.69
Ogden, 2 mi. e. of, on s. w. cor. of w. abut. of ry. brg. over Leytle Cr.; point	957.79
Ogden, 2.5 mi. e. of, on s. e. cor. of e. abut. of ry. bridge; chiseled sq.	964.83
Wilmington, 1.75 miles w. of, on n. cor. of n. abut. of highway bridge +ing Leytle Creek; chiseled square	979.29
Wilmington, 1.25 mi. w. of, on s. e. cor. of e. abut. of railroad bridge +ing Leytle Creek; chiseled square	982.82
Wilmington, on cor. of curbing on e. side of South St., n. of railroad, 140 ft. w. of sta.; point	1008.72
Wilmington, in stone foundation of east side steps to courthouse; **aluminum tablet** stamped "1026 ADJ 1903"	**1026 073**
Wilmington, 2.25 mi. e. of, in warning signpost s. of railroad and e. of highway; railroad spike	1079.62
Wilmington, 2.75 mi. e. of, on n. end of e. abut. of box culv.; chiseled sq.	1045.74
Clinton, in n. e. cor. of road +ing, in fence post; large spike	1046.29

Wilmington, along Bloomington pike n. e. to Dutch schoolhouse

Wilmington, 2 mi. n. e. of, on n. side of rd. at angle, inside of fence, in root 2 feet outside of large elm tree; **nail**	**1053.880**
Wilmington, 2.3 mi. n. e. of, on doorsill of schoolhouse, Dist. No. 1, Union Twp.; **chiseled square**	**1043.639**
Wilmington, 3.1 mi. n. e. of, at +roads at Deserted Camp, in s. w. corner in telephone pole; nail	1030.28
Wilmington, 3.4 mi. n. e. of, on s. wing of w. abut. of bridge; chiseled mark	1023.12
Wilmington, 4.4 mi. n. e. of, in stone step of brick schoolhouse door, (Dutch schoolhouse); **aluminum tablet** stamped "1046 ADJ 1903"	**1046.026**

Wilmington, n. w. via Jonah's Run Church to Clarksville

Wilmington, 1.2 mi. w. of, on s. end of culv. at intersection of Lucas St. and Harveysburg pike; chiseled mark	1014.67
Wilmington, 2.5 mi. n. w. of, on doorsill of schoolhouse; chiseled mark	1019.39
Wilmington, 4.3 mi. n. w. of, on fence post top, at n. w. cor. of rd. +ing; point	989.62

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	Feet
Oakland, 5.5 mi. n. w. of Wilmington, in southwest corner of foundation wall of schoolhouse; **aluminum tablet** stamped "1008 ADJ 1903"	**1008.207**
Oakland, 0.5 mi. n. w. of, on n. end of rd. culv. at n. e. cor. of T rd. n.; point	996.82
Oakland, 1.5 miles w. of, one mile s. of South Kingman, north end of stone culvert; chiseled square painted "1105.1 T. B. M."	1005.50
Oakland, 1.2 mi. w. of, on n. end of highway culvert; chiseled mark	1005.40
Oakland, 2.2 mi. w. of, on e. end of culvert at T road; chiseled mark	994.60
Harveysburg, 1.5 miles east of, in southeast corner of foundation of Jonah's Run Baptist Church; **aluminum tablet** stamped "943 ADJ 1903"	**942.888**
Jonah's Run, on e. end of s. abut. of road brdg. over, 1400 ft. s. of pike; chis. sq.	923.80
Jonah's Run Church, 0.8 mi. s. of, on s. end of road culvert; chiseled square	962.20
Jonah's Run, 2 mi. s. of, on east end of abut. of road culvert; chiseled square	978.51
Jonah's Run, 3.2 mi. s. of, at intersection of T road, in top of fence; nail	966 75
Jonah's Run, 3.8 mi. s. of, at road leading w., in top of fence post; nail	965.28
Clarksville, 3.5 mi. n. of, at Vandervorts Corners, in e. end of 10-foot arch culvert, under highway; **aluminum tablet** stamped "951 ADJ 1903"	**950.636**
Clarksville, 2.2 mi. n. of, at turn in road and intersection of farm rd. leading e., on corner of plank crossing ditch; point	935.98

Wilmington s. e. and s. w. to Morrisville, thence w. to Cuba, thence n. via B. & O. S. W. Ry. to Wilmington

Wilmington, 1.5 mi. e. of, on top of s. end of culvert; chiseled square	1047.42
Wilmington, 2.5 mi. s. e. of, in fence post at intersection of T road; nail	1070.70
Wilmington, 3.1 mi. s. e. of, 15 ft. n. of s. w. cor. of rd. +ing, on boulder in highway; chiseled square	1066.34
Wilmington, 3.9 mi. e. of, on s. side of rd. intersec., in telephone pole; nail	1066.43
New Antioch, 0.75 mi. s. w. of, in top of e. abutment, on n. wing of highway bridge; **aluminum tablet** stamped "1049 ADJ 1903"	**1049.232**
New Antioch, 1.75 mi. s. w. of, on s. side of rd. at intersec. of rd. n. w. in fence post; nail	1064.56
Wilmington, 6.4 mi. s. e. of, 3 mi. s. w. of New Antioch, on n. wing of west end of stone culvert; chiseled square	1086.26
Wilmington, 7.5 mi. s. e. of, on top of s. end of stone culvert; chiseled sq.	1075.76
Morrisville, 25 ft. n. of n. e. cor. of rd. intersec., in top of locust stump; nail	1066.82
Morrisville, 0.7 mi. w. of, on n. side of road at T rd. s. in teleph. pole; nail	1047.68
Morrisville, 1.5 mi. w. of, on n. end of highway culvert; chiseled square	1044.34
Cuba, 1 mi. e. of, on s. w. cor. of w. wing of s. abut. of rd. brg.; chiseled mark	1045.86
Cuba, 250 ft. w. of station, on e. end w. abut. of B. & O. Ry. bridge +ing highway, in bridge seat; **aluminum tablet** stamped "1034 ADJ 1903"	**1034.305**
Cuba, 1 mi. n. of, in warning sign post at road +ing; nail	1034.64
Cuba, 1.5 mi. n. of, on e. end of e. abut. of B. & O. Ry. brg. +ing Cowan Creek; chiseled square	1017 35
Cuba, 2.5 mi. n. of, at road +ing, on e. side of B. & O. Ry. track and 8 ft. s. w. of old wall on n. end of highway culvert; chiseled square	1045 37
Cuba, 3.75 mi. n. e. of, on end of w. abutment of cattle guard of B. & O. Ry.; chiseled square	1064.15
Cuba, 5.1 miles n. e. of, in top of fence post 8 feet west of track and 10 feet north of road; nail	1037.48

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Morrisville s. 7 mi., thence w. to Blanchester, thence n. to Clarksville

	Feet
Martinsville, in stone step at east door of Odd Fellows Hall; **aluminum tablet** stamped "1086 ADJ 1903"	**1087.021**
Martinsville, 0.8 mi. s. e. of, on e. end of culv. at road s.; chiseled square	1075.12
Martinsville, 1.3 mi. s. of, on w. end of 5-ft. arch culv.; chiseled square	1062.92
Martinsville, 2.65 mi. s. of, 500 ft. n. of Daniel Turner's house, on w. end of s. abut. of highway bridge; chiseled square	1030.61
Martinsville, 4 mi. s. of, in n. w. cor. of brick schoolhouse, Sub. Dist. No. 4, Clark Twp., in stone watertable; **aluminum tablet** "1023 ADJ 1903"	**1023.464**
Martinsville, 5 mi. s. of, on w. end of culv. at Y of rd. running n.; chiseled sq.	1018.56
Westboro, 4 mi. e. of, on s. end of road culvert at + roads; point.	1015.18
Westboro, 3.2 mi. e. of, on s. end of e. abut. of highway brg.; chiseled sq.	999.23
Westboro, 2.5 mi. e. of, at "Daugherty's Corner" intersec., in fence post; nail	998.64
Westboro, 2 mi. e. of, on n. end of culvert at Y rd. leading n.; chiseled sq.	991.60
Werstboro, 0.9 mile e. of, on s. end of culvert; chiseled square.	981.58
Westboro, 600 ft. w. of sta., on B. & O. Ry. bridge over Fork of Little Miami River, on s. wing wall of e. abutment in top of concrete; **aluminum tablet** stamped "980 ADJ 1903"	**980.880**
Westboro, 1.2 mi. w. of sta., on n. end of e. abut. of B. & O. Ry. brg.; chiseled square	990.10
Westboro, 2 mi. w. of, 35 ft. s. of railroad at rd. + ing, in top of fence post; nail	1005.55
Westboro, 3 mi. w. of, 30 ft s. of railroad, in top of fence post; nail	991.12
Blanchester, in s. e. cor. of building of F. N. Carnaham, on the n. w. cor. of Main and Broadway, in stone; **aluminum tablet** stamped "971 ADJ 1903"	**971.304**
Blanchester, 0.5 mi. n. of, at Y rds., on top of fire plug; point	961.34
Blanchester, 1.75 mi. n. of, at T rd. w., in n. w. cor. on top of fence post; nail	972.88
Blanchester, 3 mi. n. of, at e. end of culv. under pike at + rds.; chiseled sq.	986.66
Blanchester, 3.9 mi. n. of, on e. end of culv. at private rd. leading s.; point.	972.48
Blanchester, 4.35 mi. n. of, in n. e. corner of brick schoolhouse; **aluminum tablet** stamped "976 ADJ 1903"	**976.883**
Blanchester, 5.15 mi. n. of, at intersection of road, in yard of O. L. Fordyer, in cut bench at base of large elm tree; nail	964.88

Farmers w. to Martinsville

Farmers station, s. w. corner of, concrete porch in front of E. J. Preston's store; chiseled square marked "1063.7"	1064.26
Martinsville, 1.8 mi. e. of, 250 ft. e. of telegraph pole No. $\frac{61}{35}$, in tie in cen. of B. & O. S. W. Ry. track, turning point; copper B. M. nail marked "1074.9"	1075.45
Martinsville, 0.8 mile e. of B. & O. S. W. Ry. depot, at turning point in cen. of track in railway tie; copper B. M. nail marked "1096.5"	1097.11

Bluffton Quadrangle

Point 1.75 mi. e. of Lafayette via ry. to point 4 mi. e. of Ada

Lafayette, (Herring P. O.) 1.75 miles west of, railroad bench mark culvert No. 151, at northwest corner of north coping; chiseled square	919.63

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	Feet
Lafayette, 0.25 mi. w. of, on w. abut. and top stone of P. Ft. W. & C. Ry. brg. No. 148, between two main tracks; **cross cut** in stone	930.395
Lafayette, 0.25 mile west of, Ry. B. M. on bridge No. 148, on northwest corner of east bridge seat; chisel mark	925.42
Lafayette, in s. face under corner stone by entrance recess to town hall; **aluminum tablet** stamped "927 ADJ 1904"	927.484
Lafayette, 2.7 mi. e. of, Ry. B.M. on brg. No. 135, s. e. cor. of s. coping; chisel mark	951.84
Lafayette, 2.75 miles east of, on bridge No. 135, in next to top coping stone at northeast corner of; **aluminum tablet** stamped "950 ADJ 1904"	950.116
Ada, 3 mi. e. of, on culv. stone, 450 ft. w. of rd. +ing, on s. side of track; B. M. on s. w. cor. of e. stone	942.38

Lafayette n. via Beaverdam to Bluffton

Beaverdam, in n. e. cor. of town hall; **aluminum tablet** stamped "868 ADJ 1904"	868.067
Bluffton, in west face of stone at northwest corner of town hall; **aluminum tablet** stamped "840 ADJ 1904"	839.971
Bluffton, at +ing of Main Street and Northern Ohio Ry., on end of bolt at s. w. cor. of iron brg. over small creek	814.04

Bluffton along highway n. w. to Pandora, thence e. to Mt. Cory

Bluffton, 2.75 mi. n. w. of, 60 ft. from N. O. Ry., on end of bolt to brg. seat; at n. e. cor. of small iron brg	800.24
Pandora, in s. e. cor. of M. E. Church; **aluminum tablet** stamped "780 ADJ 1904"	779.429
Pandora, 1.5 mi. e. of, on s. e. cor. of top step to s. door, in front side of St. John's Mennonite Church	786.16
Pandora, 2.5 mi. e. of, at crossroads, at n. w. cor. of top stone of culv. at s. w. corner of crossroads	775.75
Pandora, 4.75 mi. e. of, 4 mi. w. of Mt. Cory, in s. w. cor. of U. B. Church; **aluminum tablet** stamped "803 ADJ 1904"	803.208
Mt. Cory, 3 mi. w. of, 3 mi. n. of Bluffton, in cen. of granite rock, near cen. of roads at T road e.; circle cut	808.73
Mt. Cory, 2 mi. w. of, +rds., on end of bolt at s. w. cor. of small iron bridge over ditch; 100 ft. e. of crossroads	796.59
Mt. Cory, on **water table** at s. e. cor. of Evangelical Church	820.882
Mt. Cory, at southeast corner of Evangelical Church, on watertable; **aluminum tablet** stamped "821 ADJ 1904"	820.903

Ada n. along highway to Mt. Cory

Ada, in s. e. corner of yard by new M. E. Church, on top of 2-ft. high stone post; **chisel mark**	958.266
Ada, at northeast corner of Union school building, in east face of watertable, 5.5 feet above ground; **aluminum tablet** stamped "964 ADJ 1904"	963.860
Ada, 0.1 mi. n. of, at +roads, on rock at center of; chisel mark	947.50
Ada 3 mi. n. of, about 50 ft. n. of +roads, on s. w. cor. of w. end of stone culvert	939.96
Ada, 4 mi. n. of, at +roads, on brg. seat at s. e. cor. of small brg. at s. w. cor. of +roads	910.40
Ada, 6 mi. n. of, Center school, in north face of schoolhouse, at n. e. cor. of same; **aluminum tablet** stamped "884 ADJ 1904"	883.824
Mount Cory, 1.5 mi. s. of, at +roads, on stone culvert at s. e. cor. of +roads; chisel mark	834.34

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Jenera west along Northern Ohio Railroad to Bluffton

Bluffton, 3 mi. e. of, 8 mi. n. of Ada, on n. e. cor. of stone doorsill to church	860.08
Bluffton, 1 mi. e. of, at +roads, on s. e. cor. of stone at end of culv. at s. w. cor. of +roads	843.93
Bluffton, at Cherry St. +ing; at n. w. cor. of limestone **platform**	**826.437**
Cordelia Sta., at road crossing, at northeast corner of north abutment of iron bridge 100 ft. south of railroad; chiseled mark	846 25

Mt. Cory northeast along highway to Findlay

Rawson, about 50 ft. e. from n. e. end of sta. platform, n. w. face of bay window of L. M. Osborn's block; **aluminum tablet** stamped "819 ADJ 1904"	**818.496**
Rawson, 1.75 mi. n. e. of, 600 ft. s. w. of rd. +ing, at s. w. cor. of arched sandstone culvert, in next to top coping stone; **aluminum tablet** stamped "804 ADJ 1904"	**804 234**

Bobo Quadrangle

Convoy n. w. to State line, thence s. along State line to Willshire

Convoy, 5.6 mi. n. w. of, n. e. cor. of +rds.; **iron post** stamped "779"	**779.035**
Convoy, 6.9 mi. n. w. of, 1 mi. e. of State line, s. e. cor. of +rds., on Paulding-Van Wert Co. line; spike in base of fence post, marked "773.0"	772.95
Dixon, 2.5 mi. n. of, s. e. cor. of T rd. e.; **iron post** stamped "777"	**777.195**
Dixon, 1.5 mi. n. of, n. e. cor. of T rd. e.; spike in base of teleph. pole, marked "784.6"	784.57
Dixon, 0.5 mi. n. of, n. e. cor. of T rd. e.; spike in base of teleph. pole, marked "789.3"	789.26
Dixon, at road +ing of Penn. Ry.; top of n. rail, marked "794.9"	794.87
Dixon, near n. w. cor. of postoffice building, at n. edge of concrete walk, 10 ft. w. of building; painted square marked "791.2"	791.09
Dixon, 0.5 mi. s. of, on w. side of road at T rd. e., s. e. cor. of schoolh. yard; **iron post** stamped "795"	**794.767**
Dixon, 1.5 mi. s. of, s. e. cor. of T rd. e.; spike in base of fence post, "800.8"	800.75
Dixon, 2.5 mi. s. of, s. e. cor. of T rd. e.; spike in base of fence post, "806.8"	806.74
Dixon, 3.5 mi. s. of, on w. side of road at T rd. e.; spike in base of telephone pole, marked "812.8"	812.72
Dixon, 4.5 mi. s. of, s. e. cor. of T road east; **iron post** stamped "Prim. Trav. Sta. No. 20, 1909—Ohio—817"	**816.529**
Dixon, 5.5 mi. s. of, at T rd. e.; spike in base of teleph. pole, marked "820.9"	820.78
Dixon, 6.5 mi. s. of, s. e. cor. of T rd. e.; **iron post** stamped "834"	**834.163**
Watt, 0.25 mi. s. of, s. e. cor. of T rd. e.; spike in base of fence post, "846.9"	846.87
Watt, 1.25 mi. s. of, s. e. cor. of T rd. e.; spike in base of fence post, "845.4"	845.30
Wren, 1.5 mi. w. by 1 mi. n. of, at T road e., 10 feet s. of gate to field on w. side of road; **iron post** stamped "840"	**840.394**
Wren, 1.5 mi. w. of, at rd. +ing; top of n. rail of Erie Ry. trk., marked "832.6"	832.49
Wren, 0.8 mi. s. by 1.5 mi. w. of, on w. side of rd. at T rd. e.; spike in base of telephone pole, marked "828.1"	828.01

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	Feet
Willshire, 1.9 mi. n. w. of, on State line rd., 50 ft. n. e. of center of T rd. e.; **iron post** stamped "Prim. Trav. Sta. No. 21, 1909—Ohio—819"	**818.515**
Willshire, 1.1 miles n. w. of, n. w. cor. of road forks; spike in base of teleph. pole, marked "796.6"	796.48

Bowling Green Quadrangle

Tontogany s. e. via ry. and road to New Rochester
(double rodded line)

Tontogany, 1 mi. s. e. of, on n. e. cor. of s. abut. of bridge on public rd., 225 ft. s. of ry. +ing	670.09
Tontogany, 2 mi. e. of, 200 ft. s. of railroad near wire cross fence, in root of 14-in. white oak tree; spike marked "670 B. M."	670.88
Bowling Green, in s. w. corner of courthouse, on top of limestone post; **bronze meridian tablet** stamped "695 Toledo"	**695.519**
Bowling Green, 3 miles e. of, n. e. abut. of iron bridge over North Branch of Portage River; chiseled square	666.16
New Rochester, 0.2 mi. e. of, n. e. corner, stone abut. of bridge over Middle Branch Portage River; chiseled cross.	661.10

Bowling Green north along electric line to Roachton

Bowling Green, at n. e. cor. of Main and Curtis Sts.; on stone curbing	677.68
Sugar Ridge, 2 mi. n. w. of, e. side of electric ry., in w. abut., at s. w. corner of iron bridge over ditch; **aluminum tablet** stamped "666 Toledo"	**666.640**
Bend Station, at n. end of switch; top of e. rail	655.7

At Hull Prairie (set from coast survey bench mark on same bridge)

Hull Prairie, about 200 ft. e. of sta., in s. e. quarter of stone culvert on first step below bridge seat; **aluminum tablet** stamped "660 Toledo" (destroyed)	**660.571**

Tontogany south 2 miles (single spur line)

Tontogany, 0.3 mi. s. e. of, on second bolt from e. end of trestle, n. side of track, sec. 5, T 5 N., R. 10 E	669.55
Tontogany, 2 mi. s. of, in n. end of w. stone abutment to small iron brg. over ditch; **aluminum tablet** stamped "674 Toledo"	**674.734**

Bowling Green s. via ry. and road to Wingston

Bowling Green, 5 mi. s. of, 0.25 mi. w. of Merrill, on Rudolph road, at n. e. corner of bridge over large ditch, between secs. 13 and 24, T. 4 N., R. 10; iron bolt	684.12
Bowling Green, 6 mi. s. of, at s. w. cor. of iron bridge over ditch; on bolt	685.87
Ducat, 1.75 mi. w. of, at s. e. cor. of brg. over large ditch, between secs. 22 and 27, T. 4 N., R. 10 E.; on **bolt**	**690.366**
Wingston, 0.7 mi. n. e. of, in corner of stone abutment at s. w. cor. of bridge over Middle Branch of Portage River; **aluminum tablet** "689 Toledo" (stone with tablet replaced by another stone)	**689.679**

Ducat, s. to Mungen, thence e. and thence n. to 2 mi. w. of New Rochester

Mungen, in front of station; top of rail	687.9
Mungen, 0.5 mi. s. e. of, in w. stone abutment at s. w. cor. of bridge over Middle Branch of Portage River; **aluminum tablet** stamped "689 Toledo"	**689.588**

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Jerry City, 1 mi. w. of, at n. w. end of stone at s. e. cor. of +roads; +mark	694.98
Mungen, 5 mi. e. of, cor. secs. 25, 26, 35 and 36, T. 4 N., R. 11 E., on s. e. cor. of stone doorsill of brick school; rod	686.36
Mungen, 6.5 mi. e. of, at s. e. cor. of wooden brg. over s. branch of Portage River, in stone abutment; **aluminum tablet** stamped "692 Toledo"	**692.111**
New Rochester, 2 mi. s. w. of, on bolt at n. e. end of brg. over Middle Fork of Portage River, between sec. 36 and 31, T. 5 N	672.08
New Rochester, 0.5 mi. w. of, on s. w. cor. of stone culv. at s. side of road	**671.485**
New Rochester, 2 mi. w. of, on Napoleon Road at four cor., near cen. of sec. 25, T. 5 N., R 11 N., on cor. stone	672.71
New Rochester n. 6.5 miles, thence east to Luckey	
Scotch Ridge, 1.5 mi. n. w. of, on s. w. cor. of stone abut. of brg. over ditch	663.04
Scotch Ridge, 3 mi. n. w. of, on n. end of stone culvert at n. w. cor. of road, in sec. 36, T. 6 N., R. 11 E.	658.80
Scotch Ridge, 4 mi. n. w. of, at four cor., on s. e. cor. of stone culvert over ditch, between secs. 23 and 26, T. 6 N., R. 11 E.	656.86
Luckey, 1 mi. w. by 0.5 mi. n. of, in n. end of w. abut. at n. w. cor. of iron bridge over ditch; **aluminum tablet** stamped "649 Toledo"	**649.262**
Tontogany, n. e. along C. H. & D. Ry. to Hull Prairie (precise line)	
Tontogany, at s. e. corner of Main and Broad Sts. west side of entrance to Waltz's store (1894), n. w. cor. of **iron plate** under column; chisel mark ⅞ in. sq. (Coast and Geodetic Survey B. M. "C.1")	**669.510**
Tontogany, in front of station; top of rail	670.1
Tontogany, 0.34 mile n. of, 50 ft. n. of road +ing, east side of track, top of stone culvert; **aluminum tablet** stamped "669"	**668.803**
Haskins, 250 meters w. of C. H. & D. Ry., on Sugar St., watertable in s. face of public school building.; **brass bolt** lettered "U. S. C. & G. S."	**667.702**

Brinkhaven Quadrangle

Point 2 mi. s. w. of Glenmont s. w. and s. e. along railroad to Warsaw

	Feet
Baddow Pass, 0.9 mi. w. of, on Penna. Ry., 400 ft. w. at T rd. w., at bridge 64 over wagon rd., 20 ft. n. of road; **iron post** stamped "1050"	**1049.861**
Brinkhaven, 1.8 miles e. of, 35 ft. w. of railroad crossing, on n. end of stone culvert under railroad; chiseled square	962.12
Brinkhaven, 25 ft. n. of main track, on n. e. cor. of sta. platform, Penna. Ry.; chiseled square	874.25
Brinkhaven, in n. e. cor. schoolhouse yd.; **iron post** stamped "896"	**896.313**
Brinkhaven, 1.2 mi. s. of, on s. abut. e. side of overhead brg. 21, Penna. Ry.; **bench mark**	**883.727**
Brinkhaven, 2.4 mi. s. of, on Penna. Ry., on concrete, on s. end, west side of abutment; chiseled square	867.71
Wintergreen, (Cavallo station), 25 feet w. of postoffice, 75 ft. e. of railroad in n. w. cor. of C. H. Summon's front yard; **iron post** stamped "878"	**878.190**
Wintergreen, 1.8 miles s. of, on large flat sandstone rock on w. side of railroad at private crossing; chiseled square	859.15

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	Feet
Wintergreen, 2.5 miles south of, on south abutment, east side of iron railway bridge 18 over Walhonding River; chiseled square	851.00
Wintergreen, 3.8 miles south of, 25 feet north of railroad crossing at T road south, on west end of small stone culvert under railroad; chiseled square	848.14
Walhonding, 1.1 mi. n. w. of, in n. e. cor. of T road, 1,000 ft. s. e. of bridge 17 on Penn. Ry. over Walhonding River; **iron post** stamped "843"	**842.646**
Walhonding, 1.6 miles east of, 25 ft. north of railroad, 25 ft. south of public road at railroad crossing; **iron post** stamped "833"	**832.554**
Nellie (Mohawk station), 3 ft. e. of front entrance on south side of schoolhouse; **iron post** stamped "817"	**817.203**
Warsaw northwest along highway to Glenmont	
Warsaw, 2 miles northwest of, on south end of east abutment on coping stone of bridge over Beaver Run; chiseled square	817.72
Warsaw, 3.4 miles northwest of, 200 ft. north of residence of Edward Frederick, on north end of abutment of small bridge; chiseled square	836.74
Warsaw, 4.2 miles northwest of, 150 ft. southeast of T road s. w., in center of north end of concrete bridge; chiseled square	845.86
New Princeton, 300 ft. south of crossroads, 250 ft. south of store, on stone abutment on west side of small bridge; chiseled square	860.65
New Princeton, 1.2 miles northwest of, at southwest corner of crossroads, 500 ft. southeast of residence of L. B. Blake; **iron post** stamped "900"	**899.887**
Stillwell, 690 ft. east of store, on south side of road, at southeast corner of T road south; **iron post** stamped "889"	**889.031**
Stillwell, 1.4 miles north of, 15 ft. west of public road, 65 ft. north of T road east, on large sandstone rock; chiseled square	1035.71
Warsaw s. along Penna. Ry. to Cooperdale	
Warsaw Junction, at railroad crossing; top of rail	800.7
Warsaw Junction, 10 ft. n. of center of +ing of Rys., in top of concrete interlocking signal tower foundation; chiseled square	799.36
Warsaw Junction, 2.2 miles south of, road crossing, 0.2 mile west of cross-rds., e. of railroad right of way line, s. side of rd.; **iron post** stamped "824"	**823.627**
Tunnel Hill, 0.5 mi. n. of, 45 feet e. of crossing, s. e. corner of rd. forks, in cor. of fence line and e. line of Ry. right of way; **iron post** stamped "860"	**859.572**
Tunnel Hill, 0.6 mile south of, 50 feet east of road crossing, in top of south wing of west abutment of steel bridge; chiseled square	813.12
Point near Bladensburg e. via New Guilford to Tunnel Hill	
Bladensburg, 3 miles n. e. of, on s. retaining wall at e. end; chiseled square	980.03
Bladensburg, 3.6 miles n. e. of, on retaining wall of small iron bridge at e. end and s. side; chiseled square	1041.91
Bladensburg, 4 miles e. of, 3 mi. w. of New Guilford, near center of +rds.; **iron post** stamped "1043"	**1043 272**
New Guilford, 1.9 mi. w. of, at n. e. cor. of T rd. n., near Knox—Coshocton county line, on sandstone rock; chiseled square	1117.30
New Guilford, 1.2 mi. w. of, s. e. cor. of +rds.; chiseled sq. on sandstone ledge	1155.93
New Guilford, n. w. cor. of town hall yard; **iron post** stamped "1050 Ohio"	**1150.344**
New Guilford, 0.5 mi. n. of, at T rd. n., on e. abutment, n. side of stone arch bridge; chiseled square	984.52

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	Feet
New Guilford, 1.4 mi. e. of, 100 ft. w. of large barn, on e. abutment on north side of small bridge; chiseled square	931.70
New Guilford, 2.7 mi. e. of, 60 ft. w. of T rd. n., 450 ft. e. of Neldon schoolh., on sandstone rock at s. side of road; chiseled square	884.39
West Bedford, 2 mi. n. e. of, 2.5 mi. s. of Mohawk, **iron post** "842 Ohio"	**842.222**
West Bedford, 0.9 mi. n. e. of, on w. end of stone culv. at Y rd.; chiseled sq.	876.57
West Bedford, 90 ft. n. of Walker's store, on granite curb rock at s. e. cor. of +roads; chiseled square	1076.78
New Guilford n. along highway to bridge 17 near Walhonding	
New Guilford, 1.4 mi. n. of, opp. cen. of T rd e.; chiseled sq. on limestone ledge	1201.45
New Guilford 2.2 mi. n. of, s. e. cor. of T rd. e.; highest point on s. end of cast iron drain pipe	1197.68
Newcastle, 330 feet w. of soldiers' monument, on n. side of rd.; nail in top of telephone pole sawed off level with ground	1209.52
Newcastle, 0.8 mi. n. of, n. end of culv.; chiseled sq. on large sandstone rock	926.88
Walhonding, about 1 mi. w. of, on south abut. of e. side of iron bridge over Walhonding River; chiseled square	837.49
Brinkhaven to Loudonville (portion of line)	
Brinkhaven, 1 mi. n. of, on s. pillar of e. row at water tank; s. e. corner of lower base of stone foundation	891.64
Brinkhaven, 1.9 mi. n. of, under w. rail of Mohican River bridge 23; top of s. end of iron girder	880.94

Bristolville Quadrangle

Kenilworth via roads w. to Mesopotamia, thence n. to Windsor	
Greene, 1.25 mi. w. of, 610 ft. e. of +rds., n. side of rd., in culv. stone; **aluminum tablet** stamped "918 ADJ 1903"	**918.320**
North Bloomfield, 1035 ft. w. of Lockwood station; in s. end, west abutment wooden bridge; **aluminum tablet** stamped "899 ADJ 1903"	**899.248**
North Bloomfield, 1.75 miles w. of, n. end e. abutment Grand River Bridge; **aluminum tablet** stamped "810 ADJ 1903"	**810.514**
Mesopotamia town hall, in w. found. of; **aluminum tablet** "857 ADJ 1903"	**856.951**
Mesopotamia s. to West Farmington, thence e. to Mecca	
West Farmington, in founda. of town hall; **aluminum tablet** "881 ADJ 1903"	**881.666**
Bristolville, Hotel Brockett, in support of porch, west end; **aluminum tablet** stamped "902 ADJ 1903"	**902.704**
West Mecca, 1.2 mi. w. of, in s. wing, e. abutment, small wooden brg; **aluminum tablet** stamped "927 ADJ 1903"	**927.476**
Cortland via Champion station, and Southington to Braceville	
Champion, 1.2 mi. e. of, at T road s., in s. wing, west abutment, small iron bridge; **aluminum tablet** stamped "925 ADJ 1903"	**925.305**
State rd., 0.5 mi. n. of, e. of rd., in culv. stone; **aluminum tablet** "928 ADJ 1903"	**927.963**

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Southington, in n. w. cor. found. of town hall; **aluminum tablet** "892 ADJ 1903"	**892.391**
Phalanx Center, 0.3 mi. n. of, in e. wing, s. abutment of bridge over Eagle Creek; **aluminum tablet** stamped "910 ADJ 1903"	**909.931**

Brookville Quadrangle

Cowlesville west along Big Four Railroad to Pittsburg

	Feet
Kessler, in s. face of watertable at s. e. cor. of schoolhouse; **aluminum tablet** stamped "926 ADJ 1905"	**925.686**
Ludlow, 3.5 ft. from w. edge of pier of Dayton, Covington and Piqua Electric Railroad overhead bridge, in s. face, on s. side of Ludlow Creek, 50 ft. n. e. of Big Four station; **aluminum tablet** stamped "893 ADJ 1905"	**892.609**
Laura, in s. face of s. w. cor. of foundation of grain elevator on n. side of ry. track and e. of Main Street; **aluminum tablet** stamped "971 ADJ 1905"	**971.423**
Pittsburg, in top of projecting stone in center of n. foundation of elevator; **aluminum tablet** stamped "1029 ADJ 1905"	**1028.746**

Verona s. e. along railway to Bachman, thence e. along road via Englewood to Anderson schoolhouse near Vandalia

West Baltimore, (Verona P. O.), in n. face of of n. w. corner (10 ft. from corner) of Ladis warehouse; **aluminum tablet** stamped "1027 ADJ 1905"	**1026.781**
Arlington, (South Arlington P. O.), in s. face of s. w. corner of foundation of Dunkard Church; **aluminum tablet** stamped "1048 ADJ 1905"	**1048.256**
Swanktown, 0.75 mi. n. w. of Salem, in bridge seat stone at n. w. corner of small iron bridge over stream e. of crossroads; **aluminum tablet** stamped "988 ADJ 1905"	**988.063**
Englewood, in s. side near s. e. cor. of J. Kingsey's bldg. at n. w. cor. of National rd. and Traction Line, in stone; **aluminum tablet** stamped "922 ADJ 1905"	**921.895**

Bachman, s. via roads to 3.5 mi. s. of Pyrmont, thence e. to Dayton

Pyrmont, 2.5 mi. n. of, in w. face of watertable at s. w. cor. of, brick schoolh., at n. e. cor. of +rds., 1.5 mi. s. w. of Bachman; **aluminum tablet** stamped "1059 ADJ 1905"	**1058.595**
Pyrmont, in w. face of n. w. cor. of Calvary Chapel (U. B. Church), 2 ft. above ground; **aluminum tablet** stamped "1053 ADJ 1905"	**1052.594**
Pyrmont, 3.5 mi. s. of, at +rds., in stone casing over ventilator window in n. side, 9 ft. from n. e. cor. of May schoolh., at s. w. cor. of +rds.; **aluminum tablet** stamped "993 ADJ 1905"	**992.929**
New Lebanon, 0.5 mi. w. by 1 mi. n. of, at s. e. cor. of +rds., at n. w. cor. of Baptist Church; **aluminum tablet** stamped "947 ADJ 1905" (Permission granted to destroy 2-13-1915)	**946.521**
Dayton, 7 mi. w. of, 1 mi. n. of Dayton pike, in s. face, 10 ft. from s. e. cor. of bank barn, belonging to H. Muir; **aluminum tablet** stamped "924 ADJ 1905"	**923.887**
Dayton, 3 mi. w. of, near Buckeye schoolh., in n. face of n. e. cor. of concrete brg. 1 mi. n. of Eaton pike; **aluminum tablet** stamped "796 ADJ 1905"	**795.551**

Bryan Quadrangle

Point 1.5 mi. n. w. of Sherwood n. along highways to Bryan

Sherwood, 0.7 mile n. by 1 mi. w. of, at +roads, on n. e. wing wall of small bridge over Sulphur Creek; chiseled square painted "T. B. M. 712.8"	713.07

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	Feet
Sherwood, 1.7 mi. n. by 1 mi. w. of, at n. w. cor. of +roads; spike in teleph. pole, painted "T. B. M. 722.3"	722.59
Sherwood, 2.7 mi, n. by 1 mi. w. of, at s. e. cor. of +roads; spike in teleph. pole, painted "T. B. M. 719.0"	719.29
Sherwood, 3.4 mi. n. by 1 mi. w. of, 50 ft. n. of T road e., 80 ft. s. e. of res. of Earl Cranford; **iron post** stamped "717 Ohio"	**717.596**
Sherwood, 3.7 mi. n. by 1 mi. w. of, at n. e. cor, of +roads, in floor of porch of church; copper B. M. nail painted "T. B. M. 723.5"	723.78
Sherwood, 4.7 mi. n. by 1 mi. w. of, at n. e. cor. +rds.; spike in teleph. pole, painted "T. B. M. 719.5"	719.80
Ney, 2.7 mi. w. by 0.9 mi. s. of, at s. e. cor. of +roads; spike in teleph. pole, painted "T. B. M. 727.0"	727.28
Ney, 2.7 mi. w. of, at s. e. cor. of +roads; **iron post** stamped "722 Ohio"	**721.854**
Ney, 2.7 mi. w. by 1 mi. n. of, at s. w. cor. of +roads; spike in base of fence post, painted "727.9"	728.10
Ney, 2.7 mi. w. by 2 mi. n. of, 100 ft. s. of +roads, on top of s. e. cor. of w. wall of concrete culvert; square painted "731.6"	731.81
Williams Center, 2 mi. e. of, at s. w. cor. of +roads; **iron post** "745 Ohio"	**745.701**
Williams Center, 2 mi. e. by 1 mi. n. of, at s. w. cor. of +rds.; spike in fence post, painted "758.2"	758.40
Bryan, 1.5 mi. s. w. of, 200 ft. s. e. of Dunkard Church at s. e. angle of Y intersection; spike in telephone pole, painted "T. B. M. 767.3"	767.57
Bryan, 1.2 mi. w. of, at s. e. cor. of +roads, spike in cor. fence post, painted "T. B. M. 792.2"	792.46
Bryan, s. w. cor. of courthouse public square; **iron post** stamped "772 Ohio"	**772.106**

Point 2.3 mi. s. of Sherwood n. via Ney to Bryan

Sherwood, 2.3 mi. s. of, in n. e. cor. of +rds.; spike in base of telephone pole marked "710.0"	710.17
Sherwood, 1.5 mi. s. of, in s. w. cor. of +roads; spike in base of teleph. pole, marked "708.7"	708.93
Sherwood, 0.7 mi. s. of, on w. side of rd. at T rd. east; spike in base of telephone pole, marked "713.5"	713.68
Sherwood, s. w. corner of Christian Church, 10 ft. east of entrance; **iron post** stamped "709"	**708.830**
Sherwood, 0.7 mi. n. of, s. e. corner of +roads; spike in base of fence post, marked "717.476"	717.69
Sherwood, 0.7 mi. n. by 1 mi. e. of, n. w. cor. of +roads, on top of w. end of sewer-pipe drain; painted square marked "712.4"	712.57
Sherwood, 1.7 mi. n. by 1 mi. e. of, at s. e. cor. of +roads; **iron post** "718"	**718.289**
Sherwood, 2.7 mi. n. by 1 mi. e. of, n. e. cor. of +roads; spike in base of telephone pole, marked "718.7	718.91
Sherwood, 2.7 mi. n. by 2 mi. e. of, n. w. corner of +roads; spike in base of fence post, marked "715.5"	715.75
Sherwood, 3.7 mi. n. by 2 mi. e. of, n. w. corner of T road w., on bank about 3 ft. higher than road; **iron post** stamped "713"	**713.563**
Ney, 0.3 mi. e. by 1.8 mi. s. of, n. w. cor. of T road w., 30 ft. w. of center of road; spike in base of telephone pole, marked "717.7"	717.97
Ney, 1.8 mi. s. of, at ry. +ing; top of e. rail, marked "723.4"	723.64
Ney, 1.3 mi. s. of, n. w. cor. of rd. +ing; spike in warning post, marked "721.6"	721.88

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	Feet
Ney, 0.3 mi. s. of station, s. e. cor. of road crossing, in n. w. corner of field; **Iron post** stamped "Prim. Trav. Sta. No. 14—1905"	**716.223**
Ney, s.e. cor. of Main & Water Sts., on concrete +ing; chiseled sq. mrkd. "714.7"	714.97
Ney, n. e. cor. of T rd. e. at schoolh.; spike in base of teleph. pole mrkd. "717.7"	717.94
Ney, 0.4 mi. e. by 1 mi. n. of, n. w. cor. of +rds.; spike in base of telephone pole, marked "718.1"	718.29
Ney, 0.4 mi. e. by 2 mi. n. of, at crossroads, on east side of road, in s. end of wooden culvert; painted spike head, marked "718.8"	719.04
Ney, 0.4 mi. e. by 3 mi. n. of, at s. w. corner of crossroads, n. e. cor. of field on Williams-Defiance county line; **Iron post** marked "721"	**721.741**
Bryan, 2.3 mi. s. e. by 1.2 mi. s. of, at n. w. corner of crossroads; spike in base of mail box post, marked "724.2"	724.44
Bryan, 2.3 mi. s. e. of, 60 ft. s. of road forks, on e. side of road; spike in base of telephone pole, marked "729.3"	729.58
Bryan, 1 mi. s. e. of, 150 ft. e. of crossroads, s. w. corner of small iron brg. over creek; bolt head painted white, marked "731.6"	731.92
Bryan, at rd. +ing about 500 ft. s. of station; top of w. rail, marked "744.5"	744.80

Bryan n. w. 3 mi., thence s. to point 3 mi. s. of Mark Center

Bryan, 2 mi. n. w. of, n. w. cor. of +roads; spike in base of teleph pole, marked "805.323"	805.56
Bryan, 3 mi. n. w. of, s. w. cor. of crossroads; **iron post** stamped "819"	**818.804**
Bryan, 4.2 mi. n. w. of, n. w. cor. +rds.; spike in fence post, base mrkd. "854.7"	854.96
Melbern, 1.5 miles north of, northeast corner of crossroads; spike in base of fence post; marked "874.3"	874.58
Melbern, 0.5 mile north of, northwest corner of crossroads; spike in base of fence post, marked "848.2"	848.42
Melbern, at railroad crossing, top of south rail of west-bound passenger track, marked "846.6 R. R."	846.89
Melbern, 0.5 mi. s. of, s. w. cor. of crossroads; **iron post** stamped "826"	**826.306**
Melbern, 1.5 miles south of, northeast corner of crossroads; spike in base of fence post, marked "841.6"	841.89
Melbern, 2.5 mi. s. of, s. w. cor. of +rds. on Williams-Defiance Co. line, s. e. cor. of wooden drain; spike head painted white, marked "823.2"	823.43
Farmer, 1 mi. w. by 2 mi. n. of, n. w. cor. of +rds.; **iron post** stamped "818"	**818.122**
Farmer, 1 mile w. by 1 mile n. of, w. side of crossroads, on s. end of e. abutment of small iron bridge; chiseled square marked "780.9"	781.10
Farmer, 1 mile west of, northeast corner of crossroads; spike in base of fence post, marked "767.3"	767.57
Farmer, 1 mi. w. by 1 mi. s. of, s. w. cor. of T rd. w.; **iron post** stamped "747"	**747.024**
Farmer, 1 mi. west by 2 miles south of, s. w. corner of crossroads; spike in base of telephone pole, marked "744.9"	745.16
Farmer, 1 mi. w. by 3 mi. s. of, at +roads on Lost Creek, on s. wing wall of w. abut. of steel brg. over Lost Cr.; chiseled square marked "741.6"	741.88
Mark Center, 2.5 mi. n. by 1 mi. w. of, s. e. cor. of +rds., **iron post** "732"	**731.909**
Mark Center, 1 mi. w. by 1.5 mi. n. of, s. w. cor. of T rd. w.; painted square on s. end of drain pipe, marked "722.8"	723.08
Mark Center, 1 mile w. by 0.5 mi. n. of, s. e. cor. of +roads; spike in base of fence post, marked "726.0"	726.27

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	Feet
Mark Center, 0.5 mi. n. of, s. w. cor. of +rds.; spike in base of fence post, marked "723.5"	723.71
Mark Center, 180 ft. n. of ry., s. e. cor. of + streets., opposite post office; **iron post** stamped "721"	**721.471**
Mark Center, 0.5 mi. s. of, s. e. cor. of +rds.; spike in base of telephone pole, marked "720.4"	720.67
Mark Center, 1.5 mi. s. of, s. w. cor. of +roads; spike in base of teleph. pole, marked "720.8"	721.05
Mark Center, 2.5 mi. s. of, +rds. on Defiance-Paulding Co. line, on n. wing wall of w. abut. of small brg. over Gordon Cr.; chiseled sq. marked "712.4"	712.61
Point 1.5 mi. s. of Melbern w. via rds. to point 1.5 mi. e. of Edgerton	
Edgerton, 4 mi. s. e. of, n. e. cor. of schoolhouse (district No. 10), n. e. cor. of +roads; spike in base of fence post, marked "853.8"	854.02
Edgerton, 3 mi. e. of, s. w. cor. of +roads; spike in base of telephone pole, marked "873.5"	873.59
Point 0.5 mi. n. of Mark Center e. via rd. to 1.5 mi. n. w. of Sherwood	
Mark Center, 0.5 mi. n. by 1 mi. e. of, n. e. cor. of +rds.; spike in base of fence post, marked "725.4"	725.58
Mark Center, 0.5 mi. n. by 2 mi. e. of, n. w. cor. of +rds.; spike in base of telephone pole, marked "721.7"	721.78
Point 1.5 miles south of Pulaski southwest along highways to Bryan	
Pulaski, 0.8 mi. s. of, at n. e. corner of +rds.; spike in telephone pole	755.00
Pulaski, 1.5 mi. s. of, on n. w. cor. of bridge over Beaver Creek, in fourth plank of bridge; copper B. M. nail painted "T. B. M. 729.0"	729.08
Point 3.5 mi. s. e. of Hicksville n. via rd. to 2.5 mi. s. w. of Blakeslee	
Hicksville, 3.8 mi. s. e. of, at n. w. corner of crossroads on Paulding-Defiance county line; **iron post** stamped "730 Ohio"	**729.903**
Hicksville, 3.5 mi. s. e. of, at n. side of e.-w. road, opposite T rd. s., schoolhouse on s. e. cor. of road; spike in base of fence post, marked "729.9"	730.03
Five Points, 2.5 mi. s. e. of Hicksville, in s. w. cor. of fence, spike in base of fence post, marked "731.6"	731.74
Hicksville, 2 mi. s. e. of, cor. of secs. 22, 23, 26, and 27, n. e. corner of crossroads; **iron post** stamped "731 Ohio"	**731.260**
Hicksville, 1.8 mi. e. of, at center of highway at railroad crossing; top of n. rail, marked "750.3	750.40
Hicksville, 1.8 mi. e. of, at n. e. cor. of crossroads; nail in top of stump of telephone pole, marked "743.7"	743.84
Hicksville, 1.8 mi. e. by 1 mi. n. of, s. w. cor. of +rds.; chiseled square in base of concrete fence post, marked "751. 7"	751.82
Hicksville, 1.8 mi. e. by 1.4 mi. n. of, s. w. corner of crossroads on Bryan rd.; spike in base of telephone pole, marked "754.3"	754.44
Hicksville, 1.8 mi. e. by 2 mi. n. of, s. w. cor. of +rds.; **iron post** stamped "764 Ohio"	**763.713**
Hicksville, 1.8 mi. e. by 4 mi. n. of, n. e. cor. of +rds; spike in base of fence post, marked "808.6"	808.73

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Hicksville, 1.8 mi. e. by 5 mi. n. of, s. e. cor. of +rds.; **iron post** "841 Ohio"	**840.782**
Edgerton, 2 mi. e. by 5.5 mi. s. of, n. w. cor. of +rds.; spike in base of teleph. pole, marked "806.9"	807.03
Edgerton, 2 mi. e. by 4.5 mi. s. of, s. e. cor. of +rds., 400 ft. s. e. of Chapman school; spike in base of teleph. pole, marked "838.7"	838.88
Edgerton, 2 mi. e. by 3.5 mi. s. of, s. e. cor. of +rds., 15 ft. n. by 30 ft. e. to cen. of brg.; **iron post** stamped "832 Ohio"	**832.594**
Edgerton, 2 mi. e. by 2.8 mi. s. of, e. side of n. s. rd., 50 ft. n. of cen. of T rd. w.; spike in base of teleph. pole, marked "850.5"	850.63
Edgerton, 2 mi. e. by 2.5 mi. s. of, n. e. cor. of T rd. e.; spike in base of telephone pole, marked "842.2"	842.36
Edgerton, 2 mi. e. by 1.5 mi. s. of, on Defiance-Williams county line, s. e. corner of +rds.; spike in base of teleph. pole, marked "869.7"	869.84
Edgerton, 2 mi. e. by 0.5 mi. s. of, s. e. cor. of T rd. e.; **iron post** "849 Ohio"	**849.058**
Edgerton, 2 mi. e. of, 0.4 mi. s. of Mina, s. e. cor. of +rds.; spike in base of teleph. pole, marked " 850.231"	850.40
Edgerton, 1.5 mi. e. of, s. e. cor. of T rd. s.; painted sq. on e. end of cast iron drain pipe, marked "847.3"	847.47
Edgerton, 1 mi. e. of, inside w.-bound track at ry. +ing; top of n. rail at cen. of highway, marked "850.1	850.23
Edgerton, e. side of ry. +ing.; **iron post** stamped "838 Ohio"	**837.982**
Edgerton, 1 mi. e. by 1.25 mi. n. of, n. e. cor. of T rd. e.; spike in base of 18-in. fence post, marked "828.1"	828.26
Blakeslee, 2.5 mi. s. of, at s. w. cor. of +rds., 240 ft. n. w. to cen. of Denmark bridge; spike in base of fence post, marked "830.6"	830.69
Blakeslee, 2.3 mi. s. by 0.5 mi. w. of, n. e. cor. +rds.; spike in base of telephone pole, marked "836.4"	836.52
Edgerton, 3 mi. n. of, n. e. cor. of +rds., 100 ft. n. e. to schoolh. (district No. 2); **iron post** stamped " Prim. Trav. Sta. No. 21 —1905—852"	**852.597**

Bucyrus Quadrangle

Bucyrus south along Toledo & Ohio Central Ry. about 4 miles

	Feet
Bucyrus, 1.5 mi. w. of, 0.2 mi. w. of center of sec. 2, T. 3 S., R. 16 E., s. end of stone culv. brdg. 28, at s. w. cor. of coping; **bronze tablet** stamped "991"	**991.508**
Bucyrus, in n. e. cor. of doorsill of men's waiting room at sta.; chiseled sq.	1000.44
Bucyrus, on w. side of courth. lawn, about 150 ft. n. on Mansfield St.; **iron post** stamped "996"	**996.370**
Bucyrus, s. w. cor. of ry. +ing; top of rail, marked "1005.18"	1005.18
Bucyrus, +ing of Middletown Street and Toledo & Ohio Central Ry. s. w. cor. of +ing; chiseled sq. on stone curbing, marked "1005.7"	1005.66
Bucyrus, +ing of Toledo & Ohio Central Ry. and Southwestern Ry. (elec.); top of rail, marked "1009.6"	1009.50
Bucyrus, 3.9 mi. s. of, s. e. cor. of rd. +ing; **iron post** stamped "1028"	**1028.368**
2.4 mi. s. e. of Bucyrus s. e. on Galion road to 4 mi. n. w. of Galion	
Bucyrus, 2.5 mi. s. e. of, on Galion rd. s. w. cor. of T rd. w.; spike in base of fence post, marked "1041.9"	1041.84
Bucyrus, 3 mi. s. e. of, at Kelly sta., s. e. cor. of rd. forks; spike in base of post, marked "1037.6"	1037.50

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	Feet
Bucyrus, 4.5 miles southeast of, southeast corner of crossroads, at Whetstone township hall; **iron post** stamped "1051"	**1050.870**
Bucyrus, 5.4 mi. s. e. of, 325 ft. n. of entrance to Olentangy ball park, s. abut., on top of n. end of w. wing wall of small brg.; chiseled sq. marked "1042.7"	1042.55
Bucyrus, 6.2 mi. s. e. of, at n. w. cor. of crossroads, at stop No. 167 on Southwestern Ry. (electric); spike in base of trolley pole, marked "1060.1"	1059.95
Galion, 4 miles northwest of, at stop No. 164 on Southwestern Ry. (electric); spike in base of trolley pole, marked "1061.9"	1061.76

Point near Galion n. along highways through Leesville and West Liberty to point about 3 mi. n. e. of West Liberty

Galion, 1 mile north of station, southeast corner of road crossing; spike in base of telephone pole, marked "1172.5" (on Mt. Gilead quad.)	1172.39
Middletown, 0.4 mile south of, on west abutment at south end of stone drain; chiseled square marked "1125.1"	1124.96
Middletown, s. w. corner of crossroads; **iron post** stamped "1134"	**1133.576**
Leesville, 0.6 mile south of, northwest corner of crossroads; spike in base of fence post, marked "1152.9"	1152.72
Leesville, s. end of e. abut. of stone culv. over Sandusky River, on s. w. cor. of stone in first course below top course; chiseled sq., marked "1107.276".	1107.12
Leesville, 0.8 mi. north of, northwest corner of crossroads, on top of stone drain; chiseled square marked "1124.4"	1124.24
Leesville, 1.8 mi. n. of, n. e. cor. of +rds.; **iron post** stamped "1110"	**1109.477**
Leesville 2.4 mi. n. of, s. e. cor. of +roads, n. w. cor. of Churchyard at St. Pauls German Church, on stone base of fence post; chiseled sq. "1120.7"	1120.50
Leesville, 2.8 mi. n. of, 200 ft. s. of T rd. e., on top of n. abutment w. wing wall of small iron bridge over creek; chiseled square marked "1108.8"	1108.62
West Liberty, 0.8 mile south of, northeast corner of crossroads; chiseled sq. on large stone, marked "1114.1"	1113.89
West Liberty, southeast corner of T road east; **iron post** stamped "1106"	**1106.016**
West Liberty, 0.7 mile north of, on east side of road at road forks; spike in base of telephone pole, marked "1134.5"	1134.18
West Liberty, 1.9 miles northeast of, northeast corner of crossroads; chiseled square on top of large boulder, marked "1159.7"	1159.36

Bucyrus north along highways through Chatfield to Carrothers

Bucyrus, northeast corner of North Sandusky and Plymouth Streets, 2 feet north of catch basin; chiseled square on stone curbing, marked "983.360"	983.29
Bucyrus, +ing of Columbus-Sandusky road and T. & O. C. Ry.; top of south rail, marked "1007.7"	1007.62
Bucyrus, 1.8 miles north of, east side of road at T road west; spike in base of telephone pole, marked "1011.0"	1010.87
Bucyrus, 2.9 miles north of, southeast corner of T road east; spike in base of telephone pole 8848 "1008.0"	1007.92
Bucyrus, 3.5 miles north of, on Columbus-Sandusky road, southwest corner of crossroads; **iron post** stamped "1009"	**1008.895**
Bucyrus, 4 miles north of, southwest corner of crossroads, south end of iron drain pipe; painted square marked "1008.5"	1008.34
Bucyrus, 5 miles north of, on east side of road at T road west; spike in base of telephone pole, marked "1012.1"	1011.98

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	Feet
Ridgeton, 0.5 mi. w. by 0.5 mi. s. of, in s. e. cor. of German M. E. Churchyard on stone curb of well at n. e. cor. of +rds.; chiseled sq. marked "1001.6"	1001.40
Ridgeton, 0.5 mi. w. of, w. side of rd. at T rd. e.; **iron post** stamped "983"....	**982.628**
Ridgeton, 0.5 mi. west by 0.5 mile north of, southwest corner of crossroads; chiseled square on large stone, marked "1000.8".....	1000.59
Chatfield, 2 mi. s. of, n. w. cor. of lower stone step to entrance of German Pietisten Church at crossroads; chiseled square marked "1007.7"....	1007.54
Chatfield, 1 mi. s. of, n. e. cor. +rds.; spike in fence post base, marked "990.2"	990.02
Chatfield, northeast corner of crossroads; **iron post** stamped "984".....	**983.528**
Chatfield, 1 mile north of, northwest corner of crossroads; spike in base of telephone pole, marked "984.3".....	984.01
Carrothers, 1.4 miles south of, northeast corner of crossroads at schoolhouse and church; spike in base of telephone pole, marked "981.2".....	980 97
Carrothers, 0.4 mile south of, northwest corner of crossroads; chiseled square on top of drain pipe, marked "971.0".....	970.69
Carrothers, n. w. cor. of +ing of Columbus-Sandusky road and Penna. Ry., 15 ft. north of railroad, 40 feet west of pike; **iron post** stamped "971".....	**970.476**

Bucyrus n. e. through Sulphur Springs to 2 miles n. e. of Tiro

Bucyrus, 1.1 mi. n. e. of, on Plymouth rd., 275 ft. n. e. of C. & S. Ry., on s. abutment at east end of stone culvert; chiseled square marked "999.9"...	999.84
Bucyrus, 2.2 miles northeast of, northeast corner of crossroads; spike in base of telephone pole, marked "1007.6"..	1007.48
Bucyrus, 2.8 miles northeast of, northwest corner of crossroads; chiseled square on large stone, marked "1035.8".....	1035.69
Bucyrus, 3.2 mi. n. e. of, on w. side of rd. at T rd. e., **iron post** stamped "1030"	**1030.199**
Bucyrus, 3.9 miles northeast of, southwest corner of T road north, on stone at base of fence post; chiseled square marked "1040.0".....	1039.92
Sulphur Springs, 1.6 miles southwest of, on doorsill at entrance to Evangelical Church at crossroads; chiseled square marked "1051.3".....	1051.17
Sulphur Springs, southeast corner of crossroads, in lawn in front of J. W. Bittihofer's residence; **iron post** stamped "1025".....	**1025.650**
Sulphur Springs, 1.5 mi. n. e. of, 350 ft. s. w. of crossroads at Church on s. abut. e. wing wall of small iron bridge; chiseled square marked "999.5"..	999.35
Sulphur Springs, 2.7 miles n. e. of, n. e. corner of T road s.; spike in base of fence post, marked "1028.7"	1028.60
Sulphur Springs, 4.1 miles n. e. of, n. w. corner of T road n.; spike in base of fence post, marked "1010.6".....	1010.53
Tiro, 0.5 mi. n. w. by 1.1 mi. s. w. of, n. e. cor. of +roads; **iron post** "1029"..	**1029.806**
Tiro, 0.5 mile n. w. of, 50 feet n. of railroad, w. side of road at road forks; spike in base of telephone pole, marked "1030.6".....	1030.55
Tiro, 0.5 mile n. and 0.5 mile n. e. of, 180 ft. w. of T road s., s. e. corner of e. abut. of small iron bridge; chiseled square marked "1030.3".....	1030.20
Tiro, 0.5 mi. n. and 1.7 mi. n. e. of, n. e. cor. of crossroads, s. e. cor. of stone drain; chiseled square marked "1045.3" (On Crestline quad.).....	1045.22

Point near North Auburn north along highway 3 miles

North Auburn, 1.4 miles southwest of, northwest corner of road crossing; spike in base of telephone pole, marked "977.243".....	976.70

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	Feet
North Auburn, 0.7 mi. n. by 1.3 mi. w. of, n. w. cor. of +rds., on stone step at entrance of Cranberry Chapel; chiseled sq. marked "967.6"	967.04
North Auburn, 1.7 miles n. by 1.3 miles w. of, on n. side of rd. at T road s.; spike in base of telephone pole, marked "952.9"	952.36

Sulphur Springs n. to point 2 mi. n. w. of New Washington

Sulphur Springs, 1.1 miles n. of, s. w. corner of T road w.; spike in base of telephone pole, marked "985.4"	985.31
Sulphur Springs, 1.8 miles n. by 0.5 mile w. of, n. e. corner of T road north; chiseled square on large stone, marked "1028.6"	1028.43
Sulphur Springs, 2.6 miles n. by 0.5 mile w. of, w. side of road at T road e.; spike in base of fence post, marked "1003.1"	1002.94
Sulphur Springs, 3.5 miles n. by 0.5 mile w. of, on w. side of road at T road e.; **iron post** stamped "1006"	**1005.593**
New Washington, 1.5 mi. s. by 1.5 miles w. of, s. e. cor. of +roads; spike in base of telephone pole, marked "1002.8"	1002.65
New Washington, 0.5 mi. s. by 1.5 mi. w. of, s. w. cor. of +roads; chiseled square on top of stone, marked "1005.4"	1005.20
New Washington, 1.5 mi. n. w. of, s. w. cor. of +roads; spike in base of telephone pole, marked "987.6"	987.40

Point 3.4 mi. n. e. of, North Auburn s. w. along T. & O. C. Ry. to New Washington, thence n. w. along Penna. Ry. to Carrothers

North Auburn, 1.5 mi. n. e. of, n. e. cor. of road +ing; spike in base of telephone pole, marked "945.2"	944.64
North Auburn, 0.6 mi. n. e. of, s. side of track; spike in base of w. post of gate to field, marked "950.3"	949.75
North Auburn, 25 ft. s. of railroad and 30 ft. w. of public highway, at Northern Ohio Ry. station, at road +ing; **iron post** stamped "958"	**957.288**
North Auburn, 1.4 mi. s. w. of, n. w. cor. rd. +ing; **spike** in base of teleph. pole, marked "977.243"	**976.703**
New Washington, 1 mi. e. of, n. e. cor. of road +ing, 30 ft. n. of railroad; spike in base of fence post, marked "992.2"	991.62
New Washington, n. w. corner of Kibler Street +ing of Northern Ohio Ry.; **iron post** stamped "993"	**992.221**
New Washington, at w. end of station, s. w. cor. of road +ing; spike in base of telephone pole, marked "983.5"	982.93
New Washington, 1.9 mi. n. w. of, s. e. cor. of road +ing; spike in base of telephone pole, marked "963.886"	963.38
Carrothers, 2.1 mi. s. e. of, s. w. cor. of road +ing; spike in base of teleph. pole, marked "962.4"	961.92
Carrothers, 1.3 mi. s. e. of, 20 ft. n. of railroad, s. w. cor. of rd. +ing, on top of concrete culvert, e. abut.; chiseled square marked "964.6"	964.15
Carrothers, 0.5 mi. s. e. of, n. w. cor. of road +ing; spike in base of teleph. pole, marked "970.8"	970.26
Carrothers, +ing of Columbus-Sandusky and Mansfield-Toledo lines of the Penna. Ry.; top of rail	971.82
Carrothers, n. w. cor. of +ing of Columbus-Sandusky pike and Penna. Ry.; 15 ft. n. of Ry., 40 ft. w. of pike; **iron post** stamped "971"	**970.476**

Bucyrus e. to Leesville

Bucyrus, 1.4 mi. e. of, n. w. cor. of road forks; spike in base of teleph. pole, marked "1028.8"	1028.75

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	Feet
Bucyrus, 2.6 mi. e. of, 350 ft. e. of cemetery, n. end of stone drain; chiseled square marked "1021.8"	1021.68
Bucyrus, 3.8 mi. e. of, n. e. cor. of +roads; **iron post** stamped "1041"	1040.889
Bucyrus, 5.1 mi. e. of, on s. side of road at T road n.; spike in base of telephone pole, marked "1043.5"	1043.39
North Robinson, 1.5 mi. n. of, on s. e. cor. of +roads; spike in base of telephone pole, marked "1051.2"	1050.99
North Robinson, 1.5 mi. n. by 1 mi. e. of, on Mansfield rd., s. w. cor. of +rds.; **iron post** stamped "1060"	1060.117
North Robinson, 1.5 mi. n. by 2 mi. e. of, 350 ft. w. of +rds., on s. abut. at w. end of stone drain; chiseled sq. marked "1078.5"	1078.32
Leesville 1.25 mi. n. w. of, s. e. cor. of rd. forks, on w. abut., s. wing wall, of small steel brg. over Sandusky River; chiseled sq. marked "1045.7"	1045.52
Near Crestline	
Crestline, 2.25 mi. s. w. of, center of +rds. at Patton sta.; top of n. rail of n. bound track	1174.40

Butler Quadrangle

Point 3.5 mi. n. w. of Antwerp n. along State line via Hicksville to point 1 mi. e. of Edgerton

Hicksville, 4 mi. s. w. of, at s. w. cor. of Defiance county, at T road; spike in base of fence post	745.83
Hicksville, 2.8 mi. s. w. of, at rd. +ing, on State line; **iron post** "764"	764.061
Hicksville, 1.6 mi. s. w. of, at rd. crossing; s. end of cement culvert	767.29
Hicksville, s. w. cor. of school grounds; **iron post** stamped "766"	766.276
Hicksville, 1.7 mi. n. w. of, at rd. +ing; spike in base of teleph. pole	800.12
Hicksville, 3 mi. n. w. of, at State line, Hicksville twp., n. w. cor. of sec. 7; **iron post** stamped "854"	853.776
Hicksville, 3.5 mi. n. by 2 mi. w. of, w. side of sec. 31, Milford twp., at T rd.; spike in base of fence post	841.05
Hicksville, 4 mi. n. by 2 mi. w. of, at T rd, s. w. sec. 30, Milford twp.; spike in e. end of culvert floor	836.60
Hicksville, 5 mi. n. by 2 mi. w. of, at T rd., n. w. cor. of sec. 30, Milford twp. spike in base of telephone pole	835.92
Hicksville, 5 mi. n. by 1 mi. w. of, at rd. +ing, s. e. cor. of sec. 19 Milford twp.; **iron post** stamped "839"	838.832
Hicksville, 6 mi. n. by 1 mi. w. of, at rd. +ing, s. e. cor. of sec. 18, Milford twp.; spike in base of teleph. pole	835.53
Edgerton, 2.5 mi. s. by 1.5 mi. w. of, at +rds., n. side of sec. 8, Milford twp.; spike in base of telephone pole	819.96
Edgerton, 1.8 mi. s. by 1.5 mi. w. of, at T rd., sec. 5, Milford twp.; **iron post** stamped "820"	819.759
Edgerton, 1.5 mi. s. by 1.5 mi. w. of, n. side of sec. 5, at T rd., Milford twp.; spike in base of fence post	829.11
Edgerton, 1.5 mi. w. of, at rd. +ing, s. side of sec. 29, St. Joseph twp.; spike in base of teleph. pole	852.44

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Point 5 mi. n.w. of Edgerton south along State line to point 2 mi. s. w. of Edgerton

	Feet
Edgerton, 1.8 mi. n. by 3 mi. w. of, at n. w. cor. of T rd. w.; chiseled sq. cn concrete foundation of fence post marked "865.490"	865.37
Edgerton, 1 mi. n. by 3 mi. w. of, at s. e. cor. of T rd. e. 100 ft. n. w. to 2-ft. elm tree; **iron post** stamped "851 Ohio"	**850.819**
Edgerton, 1 mi. n. by 1.5 mi. w. of, s. e. cor. of +rds.; spike in base of fence post, marked "844.5"	844.35
Edgerton, 0.5 mi. n. by 1.5 mi. w. of, at s. w. cor. of +rds.; spike in base of fence post, marked "851.6"	851.44

Cadiz Quadrangle

Reeds Mills west along P. C. C. & St. L. Ry. to Cadiz Junction

Reeds Mills, 300 feet west of, on bridge No. 56, northeast corner of coping stone; **bronze tablet** stamped "844 Steubenville"	**843.804**
Skelley, iron wagon brg. in northwest wing wall of; on top stone; chiseled sq.	865.30
Skelley, 0.9 mile w. of bridge No. 58, over Cross Creek, on southwest coping stone of; chiseled square	888.25
Skelley sta., 1.1 mi. w. of, in n. e. coping stone brg. 59, w. end of tunnel 7	899.93
Bloomfield, 0.4 mi. w. of, e. of tunnel No. 8, on n. e. coping stone of brg. 61	926.05
Bloomfield, 0.6 mi. w. of, on n. e. coping stone of bridge 62, w. end of tunnel No. 8; R. R. B. M.	936.62
Bloomfield, 0.8 mi. w. of, n. e. coping stone of bridge 63; Ry. B. M.	946.21
Bloomfield, 1 mi. w. of, on n. e. coping stone bridge No. 64	953.47
Bloomfield, 1.3 mi. w. of, on n. e. coping stone of bridge No. 65, Ry. B. M.	961.50
Unionport, road +ing; top of rail	969.2
Unionport, 1200 ft. w. of, stone brg. over Cross Creek, on n. e. coping stone of; **aluminum tablet** stamped "976 Steubenville"	**975.823**
Unionport, 0.8 mi. w. of, on n. e. coping stone of bridge 67; Ry. B. M.	978.37
Unionport, 1.7 mi. w. of, on n. e. coping stone of bridge 68; Ry. B. M.	983.35
Carman, 1 mi. e. of, on bridge 69, n. e. coping stone; Ry. B. M.	988.90
Miller, in front of station; top of rail	1026.5
Miller, station on n. e. cor. of bridge 71, 600 ft. w. of; Ry. B. M.	1021.79
Cadiz Junction, (Means postoffice) road +ing; top of rail	1096.5
Cadiz Junction, at intersec. of Cadiz Branch Ry. with main line Pittsburg, Cincinnati, Chicago, & St. Louis Ry. n. side of wall on turn table, on top of stone; **bronze tablet** stamped "1099 Steubenville"	**1098.788**

Cadiz Junction southwest along railroad to Cadiz

Cadiz Junction, 0.8 mi. s. of, on w. end of culvert; chiseled square	1182.00
Folk station, road crossing; top of rail	1225.2
Limestone, in front of station; top of rail	1222.6
Limestone Station, 0.7 mi. s. w. of, e. side of railroad; on rock	1234.77
Conway, in front of station; top of e. rail	1263.6
Crawford, in front of station; top of west rail	1263.2

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	Feet
Cadiz, at intersec. of Market St. and Lincoln Ave.; on n. w. cor. of curbstone	1257.32
Cadiz, w. entrance of courthouse; **on curbstone**	**1272.755**
Cadiz, north entrance to courthouse, first landing of stone steps on west end of; **aluminum tablet** stamped "1280 Steubenville"	**1279.710**

Dillonvale north via Smithfield and Bloomfield to Skelley

Smithfield, 1 mi. s. of, on s. e. abutment of iron bridge	1008.45
Smithfield, 0.7 mi. s. of, on s. e. wing wall of iron bridge	1035.24
Smithfield, water table on brick house on northwest corner of; **aluminum tablet** stamped "1240 Steubenville"	**1240 042**
Smithfield, 3.2 mi. n. w. of, on n. w. wing wall of brg. over Big McIntyre Creek	1018.16
Bloomfield, (Bloomingdale P. O.), water table on brick schoolhouse on northwest corner of; **aluminum tablet** stamped "1298 Steubenville"	**1298.023**

Cadiz Junction via Unionvale to Cadiz

Rexford, in front of station; top of rail	1139.3
Greenough, in front of station; top of rail	1092.7
Unionvale station, brg. 192-B, on top of overhead iron brg. on W. & L. E. Ry.	997.63
Unionvale, 2400 ft. e. of station, bridge No. 193-A, on n. w. bridge seat; **bronze tablet** stamped "971 Steubenville"	**970.989**

Skelley n. to Richmond, thence n. w. via East Springfield to Amsterdam, thence s. w. to Jewett, thence east to Cadiz Junction

Skelley, 1 mi. n. of, on rock, s. side of road at entrance to white house	1000.92
Skelley, 2.2 mi n. of, on rock, s. side of road	1200.45
Skelley, 2.5 mi. n. of, on rock, 60 ft. n. of brk. house, w. side of rd.; marked "1224"	1223.33
Skelley, 3.5 mi. n. of, on rock at entrance to cemetery	1205.81
Skelley, 5.5 mi. n. of, s. w. abutment of bridge; b. m. marked "1163".	1162.88
Richmond, schoolh., on stone doorstep of; **aluminum tablet** stamped "1286 Steubenville" (This elevation is probably correct though two lines from e. give 1 foot less)	**1285.205**
Richmond, 0.6 mi. n. of. on rock, s. side of road	1238.77
Richmond, 2.8 mi. n. w. of, on culvert at road to right	1287.38
East Springfield, public school building, on southeast corner of foundation stone of; **aluminum tablet** stamped "1331 Steubenville"	**1330.583**
East Springfield, 1.2 mi. n. w. of, on rock in road	1193.33
East Springfield, 4.5 miles northwest of iron bridge over Yellow Creek, on southwest wing wall of; **bronze tablet** stamped "905 Steubenville"	**904.990**
Amsterdam, on large stone in front of schoolhouse	930.60
Amsterdam, 2.5 mi. s. of, at rd. to right near brick house; on limestone rock	1256.90
Amsterdam, 3 miles south of, north side of schoolhouse, in top foundation stone of; **aluminum tablet** stamped "1276 Steubenville"	**1275.500**
Jefferson (Germano), 0.7 mi. e. of, on n. e. wing wall of bridge	1143.61
Jefferson, 2 mi. s. of, on n. e. corner of stone bridge	1079.08
Jefferson, 2.8 mi. s. of, n. w. corner stone of bridge	1033.81
Bridge 73, overhead, P. C. C. & St. L. over W. & L. E. Ry.; railroad b. m.	1053.47

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Jewett, 1.2 mi. e. of, n. e. wing wall of bridge 185	1022.38
Overhead bridge of W. & L. E. Ry. under P. C. C. & St. L., on n. w. wall of	1035.55
Tunnel where W. & L. E. Ry. passed under Cadiz Branch, on rock by e.side of wagon road, 200 ft. s. of	1202.44

Caldwell Quadrangle

Caldwell west to Renrock

	Feet
Caldwell, at northwest cor. of Noble County courthouse, 1 ft. above ground in face of base stone; **aluminum tablet** stamped "746"	**745.377**
Caldwell, on s. side of Mill's Block, 5 ft. e. of entrance of postoffice, in top of base rock; **aluminum tablet** stamped "747"	**746.718**
Caldwell, 1.15 mi. s. and 1.45 mi. w. of, 60 ft. w. of T road s. on large flat rock; chiseled square painted "1007.41"	1007.41
Sharon, in n. e. corner of e. side of foundation of residence of A. J. Lowe; **aluminum tablet** stamped "942"	**941.682**
Sharon, 2.95 mi. w. of, in n. e. corner of e. side of foundation of residence of James Caldwell; **aluminum tablet** stamped "1015"	**1015.178**

South Olive s. w. via Moscow Mills and Beverly to Lowell

South Olive, 1.43 mi. w. of, s. of rd., on sandstone ledge; chiseled sq. painted "955"	955.09
South Olive, 2.65 mi. w. of, in n. abut. w. side of new concrete iron bridge on T road s.; **aluminum tablet** stamped "834"	**834.236**
Keith, 1 mi. e. of, 500 ft. n. of brg. over Keith Fork of Olive Green Creek, at junction of roads, in face of brown stone ledge on n. side of T road w.; **aluminum tablet** stamped "Prim. Trav. Sta. No. 9—799"	**799.364**
Keith, on stone in front of store owned by P. C. Keith and Son; chiseled sq. painted "746.67"	746.75
Keith, 2.09 mi. s. w. of, in s. abut. w. side of covered brg. over Little Olive Green Creek, on T road; **aluminum tablet** stamped "713"	**713.323**
Keith, 5.11 mi. s. w. of, 50 ft. n. of public road, in s. w. corner of foundation of D. P. Oliphant's residence; **aluminum tablet** stamped "724"	**723.939**
Keith, 6.72 mi. s. w. of, s. of public road, 100 ft. w. of T road e., 4 ft. w. of barn owned by J. Beebe, on large flat rock; chiseled sq. marked "732.6"	732.81
Keith, 8.38 mi. s. w. of, on large rock at s. side of public road; chiseled sq., marked "804.3"	804.48
Beverly, 3.66 mi. n. of, 0.31 mi. n. of Y road, 0.17 mi. s. of +roads, in brown stone ledge on e. side of road; **aluminum tablet** stamped "842"	**842.180**
Beverly, 2.61 miles n. of, at T road s., on rock in front of residence of P. S. Taylor; chiseled sq. marked "926.69"	926.96
Beverly, in top of w. wall at n. end of government canal lock at foot of Fifth Street; **aluminum tablet** stamped "Prim. Trav. Sta. No. 7—631"	**631.004**
Waterford +rds., at n. e. cor. of C. E. Vaughn's store; chiseled sq. mrkd. "643.2"	643.53
Equity station, 1.47 miles s. of, 8 ft. e. of s. rail of railroad, in brown stone ledge; **aluminum tablet** stamped "654"	**654.600**
Clifton, in front of station; top of rail, marked "637.7"	638.0
Clifton station, 0.6 mile s. of, on Riverview Farm, in concrete culvert under railroad; **aluminum tablet** stamped "627"	**626.863**
Lowell, government lock; chiseled square	616.62

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	Feet
Lowell, in top of east wall at north end of canal lock No. 3; **aluminum tablet** stamped "Prim. Trav. Sta. No. 3—617 Columbus"....	**616.651**
Keith south to Lowell	
Keith, 2.22 mi. s. e. of, s. of road, on rock; chiseled sq. painted "869.3".....	869.40
Keith, 3.27 mi. s. e.of, 660 ft. s. of T road e., on property stone in center of public road; chiseled sq. painted "1050.4".....	1050.48
Keith, 5.5 mi. s. of, 40 ft. w. of public rd., in s. e. cor. of foundation of barn owned by John Steigle; **aluminum tablet** stamped "926"	**926.069**
Lowell, 4 miles north of, 30 feet east of ford over big run at crossroads, in large flat rock on west side of road; **aluminum tablet** stamped "641".....	**640.994**
Lowell, 3 miles n. w. of (along river), at T road, on north abutment west side of covered bridge; chiseled square painted "615.8"	615.93
Waterford via B. & O. Ry. to Roxbury	
Waterford, 3 mi. n. w. of, 280 ft. s. of Hayward sta., 200 ft. e. of ry., in top step to entrance of E. B. Vincent's residence; **aluminum tablet** stamped "645"	**645.360**
Beckett station, in northwest corner of concrete retaining wall around station platform; **aluminum tablet** stamped "647"....	**646.881**
Luke Chute, in s. e. cor. of top Gov'm'nt lock; **aluminum tablet** stamped "642"	**642.629**
Near Cloud postoffice	
Cloud postoffice, east of road opposite MacKlem and Dunkle's store; paint mark around nail head in root of buckeye tree, marked "770.749"....	769.92
Whipple west along highway to Lowell (single spur line)	
Lowell, at e. end, on north side, in top of government lock, on Muskingum River; **aluminum tablet** stamped "617 Columbus".....	**616.871**
Dudley n. w. along Cleveland and Marietta Railroad to Caldwell	
Dudley, 0.8 mile south of, at milepost 31; on railroad bench mark	697.88
Dudley, dwelling house of Elmer Tilton, on north side at northwest corner of, in face of foundation wall; **bronze tablet** stamped "705 Columbus"	**704.390**
Dudley, 0.12 mile north of, at milepost 32; on railroad bench mark.....	706.91
Dudley, 1.25 miles north of, at milepost 33; on railroad bench mark.....	707.04
Matron 1.25 miles north of, at milepost 34; on railroad bench mark.....	720.53
Caldwell, n. side, at n. w. corner of courthouse, 1 ft. above ground, in face of base stone; **aluminum tablet** stamped "746 Columbus".....	**745.377**

Cambridge Quadrangle

Point 2 miles s. e. of West Lafayette s. to point 2 miles s. w. of Plainfield

West Lafayette, 2.44 miles southeast of, at Y rd., 150 ft. southeast of brick schoolhouse, on large flat stone; chiseled sq. painted "813.3".....	813.33
West Lafayette, 3.43 miles south of, in north abutment, e. side of iron bridge; **aluminum tablet** stamped "815"....	**815.079**
Plainfield, 0.87 mile north of, on south abutment, west side of iron bridge; chiseled square painted "765.3"....	765.34

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	Feet
Plainfield, 0.5 mile southwest of, at southeast cor. of T road, on large rock; chiseled square painted "801.1"	801.16
Plainfield, 1.93 miles southwest of, in n. abutment, east side of iron bridge; **aluminum tablet** stamped "751"	**751.332**

Birds Run west to Otsego

Birds Run, 2.52 miles west of, on large rock 100 ft. west of T road south; chiseled square painted "798.13"	797.89
Linton Mills, in east abutment north end of iron bridge over Wills Creek; **aluminum tablet** stamped "764"	**764.175**
Linton Mills, 2.15 mi. w. of; on stone drain +ing at T rd. n., painted "809.30"	809.03
Linton Mills, 3.78 mi. s. w. of, in south abutment east side of wooden bridge over Coal Run; **aluminum tablet** stamped "759"	**758.475**
Linton Mills, 5.08 miles southwest of, at T road on stone step at Bucker schoolhouse; chiseled square painted "803.31"	803.01

Bloomfield south to New Concord

Bloomfield, 0.98 mile north of, on south abutment east side of small iron bridge at foot of large hill; chiseled square marked "845.8"	845.68
Bloomfield, at T road east, in southwest corner of foundation of Geyer and Sandles store; **aluminum tablet** stamped "1117"	**1116.801**
Bloomfield 0.79 mile south of, on north abutment east side of small wooden bridge at foot of hill; chiseled square marked "952.4"	952.29
Bloomfield, 2.2 miles south of, 1000 feet east of schoolhouse in e. abutment north side of small bridge; **aluminum tablet** stamped "885"	**884.733**

Cambridge via Craig, Clio, and East Salem to Kimbolton

Cambridge courthouse, in top step front entrance about 1 foot from building; **aluminum tablet** stamped "886"	**885.833**
Cambridge, 2.32 miles east of, 100 ft. west of T rd. south, north of road, on stone culvert; chiseled square marked "801.6"	801.43
Cambridge, 3.04 mi. e. of, in mi. post at n. e. cor. of crossroads, **aluminum tablet** stamped "799"	**798.812**
Craig, 0.3 mi. w. of, on large flat rock in middle of National road at T road north; chiseled square marked "974.8"	974.60
Craig, 2.2 miles n. by 0.3 mi. w. of, in stone step of Independence schoolhouse; **aluminum tablet** stamped "1145"	**1144.592**
Craig, 2.2 mi. n. of, 6 mi. n. e. of Cambridge, Midway triangulation sta., 300 ft. n. w. of schoolh., on prominent bald hill; **bronze tablet** stamped "1172"	**1171.810**
Clio, 3 ft. from store, at s. w. cor. of +rds. on stone; chiseled sq.marked "803.9"	803.60
Kimbolton, 3.17 mi. s. e. of, n. of rd., at Y rd. s., 500 ft. w. of residence of Howard Millegan, in brownstone ledge; **aluminum tablet** stamped "866"	**865.380**
North Salem, 500 ft. east of, south of public road, 18 inches from fence, on rock; chiseled square marked "1056.56"	1056.37
Kimbolton, 60 ft. n. of sta., in property stone at cor. of barn; **aluminum tablet** stamped "787"	**787.164**

1.5 miles southeast of Bernice

Bernice, 1.5 mi. s. e. of, in south abut., west side of iron bridge over Dunlap Creek; **aluminum tablet** stamped "824"	**824.721**

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	Feet
Odell, 6 mi. n. w. of, 15 ft. from cen. of public rd., in s. side of found'n to w. end of spring house owned by Albert White; **aluminum tablet** stamped "1092"	**1093.140**

Cambridge east for 5 miles

Cambridge, 1.04 mi. e. of., on e. abutment, s. side in coping stone of bridge over Leatherwood Creek; chiseled square painted "804.4"	804.31
East Cambridge, in front of station; top of rail, marked "804.7"	804.6
East Cambridge, 0.89 mi. e. of, on east abutment north side of bridge over Leatherwood Creek; chiseled square painted "803.8"	803.69

Cassell Sta. to Cambridge, thence via Penna. Ry. to near Guernsey (precise line)

Cassell Sta., 60 ft. n. of railroad, in n. e. cor. of stone abut. to highway brg.; **aluminum tablet** stamped "804"	**804.115**
Cassell Sta., in front of station; top of rail	806.3
Cassell Sta., 1.83 mi. e. of, in concrete culvert s. of track; **aluminum tablet** stamped "804"	**804.423**
Cambridge, in front of Baltimore and Ohio station; top of rail	803.0
Cambridge, in front of Cleveland and Marietta Ry. station, top of rail	804.5
Cambridge, 2.83 miles n. of, in top of stone abutment at n. w. corner of railroad bridge; **aluminum tablet** stamped "804"	**804.475**
Cambridge, 6.3 mi. n. of, 20 ft. w. of track, 10 ft. n. of rd.; **iron post** stamped "783"	**783.742**
Cambridge, 9.03 miles n. of, 15 ft. w. of railroad; **iron post** stamped "787"	**787.161**
Kimbolton, 10.99 miles n. of Cambridge, in stone at n. w. corner of S. W. Luscock's barn; **aluminum tablet** stamped "787"	**787.164**
Kimbolton, in front of station; top of rail	787.2
Birds Run, 4.93 miles n. w. of Kimbolton, 30 ft. w. of railroad, in top of s. e. cor. of stone abut. to highway brg. over cr.; **aluminum tablet** stamped "771"	**770.786**
Birds Run, in front of station; top of rail	774.3
Guernsey, in front of station; top of rail	783.8
Guernsey, in front of station, 30 ft. w. of track, 1 foot from railroad property line; **iron post** stamped "780"	**780.594**
Guernsey, 3.26 mi. n. of, 25 ft. w. of ry., 10 ft. from rd.; **iron post** stamped "828"	**828.391**

Cameron Quadrangle

At Moundsville (Army Engineers' precise line)

Moundsville, W. Va., Army Engineers U. S. B. M. 101-B, on top of **water table** of foundation of Marshall Co. courthouse; on front of building, 1.72 ft. east of center of doorway, Elev. 690.730	**690.317**

Canal Dover Quadrangle

Sherrodsville n. w. along Wheeling and Lake Erie Railroad to Zoar

Sherrodsville, 2.4 miles n. of, in s. e. corner of bridge No. 165-A; iron bolt marked "905"	906.29
Sherrodsville, 5 miles n. of, in s. e. corner of bridge No. 162-A; iron bolt	897.39
New Cumberland, at road crossing; top of rail	895.3

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	Feet
New Cumberland, 1,700 ft. e. of station, on road leading from station to town, on n. w. brg. seat, covered wagon bridge; **copper tablet** "893 Steubenville".	**893.761**
New Cumberland, 2.2 miles n. w. of, n. e. cor. of bridge No. 159-A; iron bolt	889.19
Somerdale station, at road crossing; top of rail	884.4
Somerdale, 0.5 mile n. w. of, in s. e. corner of bridge No. 157-C; iron bolt	884.53
Valley Junction, 0.3 mile w. of, in s. e. corner of bridge No. 156-A; iron bolt	886.58
Valley Junction, 2.2 mi. n. w. of, in n. w. cor. of brg. No. 154-A; iron bolt "891".	892.45
Zoar, at mill, road crossing; top of rail, marked "897"	898.6
Zoar, in front of station; top of rail	892.4
Zoar, 600 ft. n. of sta., on coping stone of s. e. abut. of iron bridge No. 153-D **aluminum tablet** stamped "893 Steubenville" (accuracy not known)	**898.21**
Point 4 mi. s. of Navarre s. e. along W. & L. E. Ry. to Zoar	
Bolivar, 2 mi. n. w. of, on top w. end of n. abutment of bridge No. 148-A on Wheeling and Lake Erie Railroad over canal	923.15
Bolivar, 0.5 mile n. w. of, in n. e. corner of s. abut. of Wheeling and Lake Erie Ry. bridge No. 149-C over Ohio Canal; **bronze tablet** stamped "936"	**935.318**
Bolivar, in front of station; top of rail	947.7
Zoar Sta., s. w. along Penna. Ry. to point 1.3 mi. s. w. of Canal Dover	
Zoar Station, 20 ft. e. of railroad at road crossing; **iron post** stamped "889".	**889.694**
Zoar Station, 4 mi. s. w. of, 20 ft. s. of Ry., at rd. +ing; **iron post** stamped "880"	**880 420**
Canal Dover, at s. w. corner of city hall; **iron post** stamped "898"	**898.120**
Canal Dover, 0.4 mi. s. w. of, crossrds. at Sugar Creek brg., 50 ft. n. w. of bridge; **iron post** stamped "874"	**874.201**
Canal Dover southeast to New Philadelphia	
Canal Dover, 1 mi. s. e. of, telephone pole marked "72-1," section rail between tracks, B. & O.; bench mark No. 38 (precise line value 892.905 not accepted, dependence being placed on copper bolt at New Philadelphia)	**892.671**
Zoar Station n. e. along Pennsylvania Ry. to Waynesburg	
Mineral City, in front of C. & P. (Penn. lines) station; top of rail	950.0
Mineral City, C. & P. and B. & O. Ry. crossing, n. w. corner of tracks, 50 ft. northwest of center crossing; **iron post** stamped "953"	**953.175**
Mineral City, 2.4 mi. n. e. of, s. w. cor. of rd. +ing, warning post base; spike	989.99
Mineral City, 3 mi. n. e. of, private rd. +ing to house on w. side of Ry., 50 ft. w. of public road, in top of stone of retaining wall on w. side of track at crossing; chiseled square	968.89
Magnolia sta., 0.8 mi. s. w. of, at s. w. cor. of rd. +ing, warning post base; spike	963.54
Magnolia station, 100 ft. w. of, on n. railroad right-of-way line, w. side of public rd., 30 ft. n. w. of +ing, at foot of teleg. pole; **iron post** stamped "972"	**971.796**
Magnolia, in front of station; top of rail	973.6
Magnolia station, 0.8 mi. n. e. of, at s. e. corner of road crossing, at milepost "By. 14", in base of w. post of rail stand; spike	993.83
Milepost 13, center of steel post (Pennsylvania railroad bench mark)	1000.0
Waynesburg, at n. edge of town, opposite C. & P. Ry. sta. in s. w. cor. of St. Paul's Reformed Church lawn, 3 ft. from n. w. corner of dwelling house and 3 ft. from sidewalk; **iron post** stamped "993"	**993.644**

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Waynesburg, street crossing, at station; top of high rail	982.6
Waynesburg, cen. of town, in s. w. cor. of + rds., on top of steel post; paint mark	1002.50

Mineral City n. along B. & O. Ry. to point 3 miles s. of Canton

Mineral City, 150 ft. n. w. of B. & O. station, at street crossing; top of rail	952.7
Sandyville, in front of station; top of rail	938.5
Sandyville, 160 ft. north of station, 30 ft. w. of tracks, under n. e. corner of water tank; **iron post** stamped "939"	**939.037**
Sandyville station, 0.6 mi. n. of, w. side of railroad, n. side of public road, at road crossing, in base of telephone pole; spike	940.78
East Sparta, 100 ft. s. w. of station, 40 ft. s. of lumber shed, n. side of private road w. to house, in fence corner; **iron post** stamped "959"	**958.985**
East Sparta sta., 2.3 mi. n. of, at n. e. cor. of rd. +ing, on e. ry. right-of-way line, 30 ft. n. of public rd., 30 ft. e. of ry., 35 ft. n. w. of the n. w. cor. of highway bridge over Nimishillen Creek; **iron post** stamped "965"	**964.916**
North Industry sta., 0.7 mi. s. e. of, 660 ft. w. of ry. +ing, n. w. cor. of brg. abut. of steel highway brg. over Nimishillen Creek; **iron post** stmpd. "981"	**981.612**
North Industry, in front of station; top of rail	1000.1
North Industry, at n. e. corner of concrete platform curbing around station, 200 ft. south of road crossing, in top of; chiseled square	1000.91
North Industry. w. end of w. window sill on n. side of depot	1003.31

B. & O. Ry. bench marks near Canal Dover (precise line)

Canal Dover, 1 mi. n. w. of, set in s. w. end of bridge seat of s. e. abut. of culvert at telegraph pole 74 4; **copper bolt** (B. & O. B. M. 35)	**881.756**
Canal Dover, 0.25 mi. w. of station, in e. pedestal of water tank; at telegraph pole 73 11; **copper bolt** (B. & O. B. M. 36)	**874.694**
Canal Dover, 0.5 mi. s. e. of, in n. e. end of mud wall of n. w. abut. of Tuscarawas River bridge; **copper bolt** (B. & O. B. M. 37)	**884.847**
Canal Dover, 1.25 mi. s. e. of, at telegraph pole 72 1; **section of rail** set vertically in ground (B. & O. B. M. 38)	**892.905**
Canal Dover, about 1.25 mi. s. e. of, 200 ft. s. e. of telegraph pole 72 1; **section of rail** set vertically in ground (B. & O. B. M. 38A)	**893.008**

Canton Quadrangle

Krumroy s. via C. T. & V. Ry. to Canton (precise line)

	Feet
Myersville, 200 ft. n. e. of station, on n. e. cor. of highway bridge, s. e. cor. of foundation stone, **bronze tablet** stamped "1076 Cleveland"	**1075.424**
Myersville, in front of station; top of rail	1073.5
Aultman (Greentown) in front of station; top of west rail	1107.9
Marchand (New Berlin) about 400 ft. e. of C. T. & V. Ry. highway brg. over Nimishillen Creek, on n. e. cor. of w. abut. on coping stone; **bronze tablet** stamped "1069 Canton 1901"	**1067.880**
Marchand, in front of station; top of rail	1067.7
Marchand, 1.59 mi. s. of, on n. cor. of bridge No. 43, over brook, on coping stone of foundation; **chiseled square**	**1057.932**
Marchand, 2.08 mi. s. of, w. abut. of bridge No. 44, over brook, on foundation coping; **chiseled square**	**1050.447**

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	Feet
Canton, C. T. & V. Ry. sta., n. side of door sill to women's waiting room; chiseled square	1032.03
Canton, in front of station; top of rail	1030.4
Canton, (P. Ft. W. & C. Ry. B. M.), at bridge No. 77, on n. w. cor. of e. abut.; chiseled square	1029.16

Canton to North Industry

Canton, bridge No. 76, P. Ft. W. & C. Ry.; ry. **bench mark**	**1037.695**
Canton, bridge No. 77, P. Ft. W. & C. Ry.; e. abut. of, n. w. cor., ry. **bench mark**	**1029.160**
Canton, courthouse, s. e. cor. of, 4.5 ft. above ground; **bronze tablet** stamped; "1062 Canton"	**1061.529**
Canton, 0.6 mi. s. of, n. w. cor. of s. abut. of C. T. & V. Ry. bridge No. 49	1018.50

Louisville s. w. along highway via Osnaburg to North Industry

Louisville, 0.22 mi. w. of sta., brg. No. 69, P. Ft. W. & C. Ry. over branch of Nimishillen Cr., e. abut., n. w. cor. of; **bronze tablet** stamped "1097 Canton" (reported mutilated)	**1097.190**
Louisville, 0.5 mi. s. of, on the Louisville-Osnaburg road, on n. e. cor. of s. abut. of highway bridge over creek	1102.93
Louisville, 1.9 mi. s. of, on the n. e. cor. of s. abut. of bridge over creek	1088.46
Osnaburg, 0.5 mi. n. of, s. w. cor. of n. abut. of highway bridge over creek	1122.02
Osnaburg, 340 feet north of W. & L. E. Ry. crossing, at Market St., 225 feet south of Liberty St. and 125 feet north of Walnut St., culvert in center of e. wall of; **bronze tablet** stamped "1146 Canton"	**1146.222**
Osnaburg, 1.3 mi. s. w. of, on n. e. cor. of s. abut. of highway bridge over creek, at highway +ing of W. & L. E. Ry	1061.82
Steubenville-Canton rd., about ⅓ mi. s. of, on n. w. cor. of w. wall of culvert on new road	1067.82

Myersville (Lake P. O.) along highway east to Hartville, thence south along W. & L. E. Ry. to Canton

Uniontown, 1.5 mi. e. of, on n. w. cor., e. abut. of bridge over creek	1139 85
Hartville, on north side of station; east window sill on west end	1164.51
Middlebranch, Wheeling and Lake Erie Railway station, on west side of waiting room; on north end of door sill	1117.45
Middle Branch, about 1 mi. s. of. on s. e. cor. of coping stone of culv. on the e. side of the W. & L. E. track	1100.11
Middle Branch, about 3.5 mi. s. of, on n. w. cor. of bridge seat of s. abut. of bridge on railroad over creek	1056.12
Canton, cor. of Lake and Mahoning Streets, on top on hydrant at workhouse	1044.80

Hartville n. e. along road, to New Baltimore and return, s. and w. to Hartville

Hartville, on n. side of station, e. window sill w. end	1164.5
Hartville, about 0.7 mi. n. e. of, n. w. cor. e. abut. of bridge over creek	1144.67
New Baltimore, on cen. of e. wall of culv. on Baltimore-Louisville rd	1163.44
New Baltimore, 1 mile south of, on road from New Baltimore to Louisville bridge over branch of Deer Creek, on northeast corner of south abutment; **bronze tablet** stamped "1130 Canton" (reported destroyed)	**1129.668**

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	Feet
Hartville, about 2.8 mi. w. of, on w. end of wing wall of w. abut. of highway bridge on swamp road	1126.49
Hartville, about 2 mi. e. of, on w. end of w. window sill of house of Mary H. Rebman, on s. side of swamp road	1133.70

New Berlin Sta. along highways e. and s. to Louisville

New Berlin, about 0.5 mi. w. of, on w. end of w. wall of culv.	1113.18
W. & L. E. Ry. about 2.3 mi. w. of, n. w. cor. e. abut. of rd. brg. over creek	1091.18
Louisville, highway brdg. over e. branch of Nimishillen Creek, 800 ft. n. of P. Ft. W. & C. Ry., on n. e. cor. of w. wing wall of s. abut.; temporary B. M.	1106.84

Carrollton Quadrangle

Harlem Springs n. along highway to Carrollton triangulation sta.

Harlem Springs, 3 mi. n. of, on Augusta rd. at fork w. to Carrollton rd., old log house in s. w. cor., iron brg. 600 ft. s. of cors.; circle cut in stone wall	1065.76
Carrollton, 2.5 mi. e. of, Y rd., in top of fence post on w. side of rd.; copper tack	1118.75
Carrollton, 3 mi. e. of, on farm formerly owned by Mr. Campbell, now owned by Geo. Ray, in marble slab at triangulation sta.; **bronze tablet** stamped "1377"	**1376.478**

Waynesburg n. e. along Penn. Ry. to Bayard, thence e. to point 2 mi. e. of East Rochester

Waynesburg sta., 0.6 mi. n. e. of, rd. +ing, steel highway brg. over Sandy Creek, in s. abut. of e. wing of, in top stone; chiseled square	973.05
Waynesburg, 2.5 mi. n. e. of, e. side of Pittsburg and Malvern Clay Co. mill, 35 ft. n. w. of second class rd. +ing, on n. right-of-way line, in fence post base; spike	983.96
Malvern, 0.3 mi. w. of C. & P. station, 150 feet north of road crossing, west side of public road, at fence corner; **iron post** stamped "992"	**992.474**
Malvern, in front of C. & P. (Penn. lines) station; top of rail	998.4
Oneida, C. & P. and W. & L. E. Rys. crossing; top of rail	1013.7
Oneida, 75 feet n. e. of C. & P. sta., steel highway bridge over Sandy Creek, west wing of south abutment; chiseled square	1013.56
Oneida, 0.6 mile n. e. of ry. station, s. e. cor. of road +ing, 30 feet s. of ry.; **iron post** stamped "1040"	**1040.050**
Pekin, 75 ft. s. w. of sta. platform, 150 ft. w. of rd. +ing, in top of e. post of rail stand at milepost "By. 4", s. side of track; copper B. M. nail	1035.80
Minerva, C. & P. and L. E. A. & W. Rys. +ing; top of rail	1052.0
Minerva, W. & L. E. and C. & P Rys. +ing; top of rail	1052.1
Minerva, 100 ft. e. of C. & P. sta., e. side of street, 40 ft. n. of ry., at foot of telephone anchor pole, street +ing; **iron post** stamped "1053"	**1052.708**
Bayard, 1.0 mi. s. w. of, road +ing at, near T road n., 30 ft. w. of road +ing, in base of e. post of rail stand at milepost "By. 1"; spike	1077.72
Bayard, 0.4 mi. s. w. of, 50 ft. n. of cen. of road forks at Schoolh., east end of stone culvert, in top; chiseled square	1071.20
Bayard, 0.4 mi. s. w. by 0.5 mi. e. of, T rd. s. at, s. w. cor. of road forks, inside of fence corner; **iron post** stamped "1079"	**1079.455**
Bayard, 1 mi. s. e. of, C. & P. Ry. crossing, in base of warning post at n. e. cor. of crossing; spike	1094.04
East Rochester, in front of C. & P. Ry. station; top of rail	1092.0

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	Feet
East Rochester sta., 1.7 mi. e. of, at s. w. cor. of rd. +ing, w. side of rd., 50 ft. s. of ry., 20 ft. s. of ry. right-of-way line, at fence line; **iron post** "1095"	**1094.603**
Sherrodsville north and east along W. & L. E. Ry. and highway to Carrollton triangulation station	
Atwood, 1 mi. s. of, 40 ft. s. and 10 ft. e. of rd. +ing, near teleph. pole; **iron post** stamped "945"	**945.231**
Atwood station, in s. w. corner of platform; copper tack	918.58
Dellroy, 200 ft. e. of W. & L. E. Ry. sta., 15 ft. n. of tracks, inside of fence cor. at n. e. cor. of +ing; **iron post** stamped "926"	**925.781**
Dellroy, 0.5 mi. e. of, on e. side of ry., on cattle guard; painted circle	936.13
Scott station, 1.6 mi. n. e. of, 15 ft. w. of ry., culv. 30-C; **iron post** stamped "953"	**952.699**
Scott station, 1.8 mi. n. e. of, in culv. 30-B; **aluminum tablet** stamped "Prim. Trav. Sta. No. 31, 1906—955"	**954.963**
Deckman Duty brick plant, 0.8 mi. n. of, overhead ry. +ing, in stone abut.; cut mark painted	1052.06
Carrollton, courth., in front steps of south side, between pillars and walls of building, 10 ft. above pavement; **aluminum tablet** stamped "1130"	**1130.397**
Carrollton, 2.6 mi. e. of, T rd. n. e. to Washington Hall schoolh., on s. e. abut. of iron brg.; chiseled square	1064.82
Oneida s. along Wheeling and Lake Erie Railroad to Carrollton	
Oneida, 1.1 miles south of, 75 ft. north of road crossing, east wing of south abutment of bridge No. 17-A, top of; chiseled square	1018.67
Oneida, 2.3 mi. s.e. of, n.e. cor. of rd +ing, at fence cor.; **iron post** stamped "1023"	**1023.672**
Hibbetts sta., 0.6 mi s. e. of, n. e. rd. +ing at, in warning post base; spike	1035.48
Hibbetts, 2.2 mi. s. e. of, 40 ft. n. w. of the n. w. cor. of Stemple +ing, at fence cor. of right-of-way line and n. fence line of rd.; **iron post** stamped "1051"	**1051.526**
Carrollton, in front of Wheeling and Lake Erie station; top of rail	1131.8
Minerva along highway s. e. to Watheys, thence s. w. to Stemple crossing on Wheeling and Lake Erie Railroad	
Minerva, in front of L. E. A. & W. station; top of rail	1046.0
Minerva, 2.8 mi. s. e. of, at road crossing, in foundation post of e. cattle guard, s. side of track; spike	1041.17
Minerva, 4.3 miles s. e. of, 30 ft. e. of track, at road crossing, n. side of public highway; **iron post** stamped "1049"	**1049.413**
Watheys station, road crossing at, iron highway bridge, west side of railroad, in top of stone of s. wing of east abutment; chiseled square	1050.35
Watheys station, 0.5 mi. s. e. of, 0.1 mi. s. of old Specht postoffice at rd. crossing, n. of railroad right-of-way line, w. side of public highway, 40 feet north of tracks; **iron post** stamped "1049"	**1049.603**
Specht, 1.7 mi. s. w. of, T rd. w., n. w. cor. of rd. forks, fence post top; tack head	1182.05
Specht, 2.2 mi. s. w. of, 0.25 mi. w. of Eckley, 3.2 mi. e. of Stemple +ing, +rds. at, n.w. cor. of, inside of fence line near 6" maple tree; **iron post** stamped "1199"	**1198.773**
Stemple crossing, 2.3 miles e. of, T road s. e., at 6 ft. above level of road, north of roads at forks, in top of stone; chiseled square	1144.69
Stemple crossing, 1.1 miles east of, in northwest corner of crossroads, in top of stone culvert; chiseled square	1231.12

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Waynesburg southeast along highway to Dellroy

Waynesburg, 2.1 mi. s. e. of, e. side of rd., top stone of culv. at; chiseled sq.	1160.83
Waynesburg, 2.5 miles s. e. of, s. e. corner of crossroads, at fence corner; **iron post** stamped "1161"	**1161.333**
Waynesburg, 3.5 mi. s. e. by 0.1 mi. s. of, at five points, in center of south crossroads, in top of stone; chiseled square	1221.40
Waynesburg, 3.5 mi. s. e. by 0.8 mi. s. of, in n. end of plank drain at n. w. corner of crossroads; painted nail head	1172.33
Waynesburg, 3.5 mi. s. e. by 1.2 mi. s. of, T road e. at, in top of stone at s. e. corner of; chiseled square	1204.90
Waynesburg, 3.5 miles s. e. by 2.1 mi. s. of, T rd. s. w. at, house e. side of rd. at forks, in s. w. cor. of yard, inside of fence cor.; **iron post** stamped "1193"	**1193.790**
Dellroy, 1.5 mi. n. of, 20 ft. n. of road w., at crossroads, in stone at e. end of drain, in top of; chiseled square	1055.14
Dellroy, 0.2 mi. n. of W. & L. E. station, iron highway bridge, in top stone approach to n. abutment, west wing of; chiseled square	926.02

Celina Quadrangle

Point 2 mi. s. of Celina n. along highway via Celina and Mendon to point 1 mile south of Elgin

	Feet
Celina, 2.2 miles s. of, at Y road, on n. w. corner of stone abutment of iron bridge over Coldwater Creek; chiseled circle	878.28
Celina, 1.8 miles s. of, 100 ft. from edge of reservoir, at T road, on s. e. corner of iron bridge floor; paint mark (circle)	871.70
Celina, w. side of Main St. at ry. +ing, n. side of ry.; **iron post** stamped "875"	**874.720**
Celina, n. e. side of town, at corner of Wayne St. and pike leading to Mendon in front of Seymour Craig's residence; spike in telephone pole	890.82
Celina, 1 mile n. e. of, at Y road, on s. end of iron culvert under highway running east-west; paint mark	878.70
Celina, 1.5 mi. n. e. of, in n. w. cor. of bridge floor at Y rd.; copper B. M. nail	869.58
Celina, 2.7 miles n. e. of, at road crossing, on w. side of north-south highway; copper B. M. nail in root of large elm tree	851.62
Celina, 4.4 mi. n. e. of, in front of Fairview Church, in sec. 17, at rd. crossing; **iron post** stamped "848"	**847.752**
Celina, 5.7 miles n. e. of, at road crossing in front of Mount Zion Church; spike in base of telephone pole	834.84
Celina, 6.2 miles n. e. of, 0.5 mile n. of Mt. Zion Church, 50 ft. east of n.-s. highway at road crossing; spike in base of fence post	833.92
Celina, 6.7 mi. n. e. of, at T rd., in front of W. M. Webb's residence; spike in base of fence post	828.44
Mendon, 2.2 miles s. of, at T rd; **iron post** stamped "830"	**829.566**
Mendon, 1.5 mi. s. of, at road crossing, at Twelvemile Creek school, s. w. cor. of stone abutment of iron bridge over Twelvemile Creek; chisel mark	817.19
Mendon, 0.4 mi. s. of, at T road in front of W. A. Bedell's residence; spike in base of telephone pole	833.37
Mendon, 0.5 mile n. of, n. e. corner of rd. crossing, 600 ft. n. of iron bridge over St. Marys River, in corner of field; **iron post** stamped "805"	**804.965**
Mendon, 1.3 miles n. w. of, on w. side of rd. at T road; spike in base of fence post, marked "810"	810.20
Mendon, 1.8 mile n. w. of, in front of Anderson Bethel Church, on w. side of road at road crossing; spike in base of fence post	847.70

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	Feet
Mendon, 2.3 miles n. w. of, at road crossing, on w. side of road, 300 ft. s. of E. N. Drake's residence; spike in base of fence post	856.40
Mendon, 3.3 mi. n. w. of, on s. e. cor. of stone abutment of culvert, 300 feet west of Wm. Morbaugh's residence at road crossing; chisel mark	827.98
Mendon, 3.8 mi. n. w. of, at road +ing, on w. side of road, in front of W. L. Bolton's residence, 0.2 mi. east of tile works; spike in base of fence post	822.24
Mendon, 4 miles northwest of, at T road, 40 feet southeast of southeast cor. of iron bridge over creek; **Iron post** stamped "808"	**808.091**
Mendon, 4 mi. n. of, at s. w. cor. of w. abut. of cement culv. under east-west highway at road +ing, 0.5 mi. n. of Jas. Hickernell's residence	811.43

Mount Zion Church n. w. along highways via Mercer to Rockford, thence s. and e. to point 2.8 mile s. w. of Celina

Mercer, 1.6 mi. s. e. of, in front of J. Hasis' res. at Y rd.; spike in telep. pole	828.40
Mercer, 0.5 mile southeast of, at road crossing, on northeast corner of stone culvert under north-south pike; chisel mark	816.72
Mercer, northwest side of village, at road crossing, on north side of highway, about 100 feet southeast of iron bridge; **Iron post** stamped "805"	**805.104**
Mercer, 1.1 miles northwest of, at north side of highway, in front of Chas. Hayes's residence, at rd. +ing; spike in base of telephone pole	811.46
Rockford, 2.4 miles southeast of, 600 feet west of residence, on north side of highway at Y road; spike in base of fence post	814.83
Rockford, 1.7 miles southeast of, on south side of highway, in front of F. S. Foster's residence at Y road; spike in base of telephone pole	804.18
Rockford, north end of Main Street, 300 feet south of iron bridge over St. Marys River; **Iron post** stamped "807"	**806.842**
Rockford, 1.2 mi. s. of, at s. w. cor. road +ing; spike in base of teleph. pole	806.47
Rockford, 2.6 miles s. of, on east side of north-south highway in front of Alfred Custer's residence at road crossing; **Iron post** stamped "829"	**828.707**
Rockford, 4.3 miles south of, in front of Hopewell Quaker Church, at road crossing; spike in base of fence post	840.70
Rockford, 5.7 miles south of, on east side of north-south pike at road +ing, at St. John's Lutheran Church; spike in base of fence post	856.86
Rockford, 6.7 miles south of, at Shively, about 70 ft. northwest of store, at road crossing; **Iron post** stamped "858"	**857.826**
Rockford, 7.2 miles south of, at Hope Evangelical Church, 0.5 mile south of Shively, at road crossing; spike in base of telephone pole	862.69
Rockford, 8.3 miles south of, in front of Miller Church, on west side of n.-s. highway, crossroads; spike in base of fence post	873.75
Rockford, 8.8 miles south of, on west side of north-south highway at T road, about 0.8 mile north of Buck school; spike in base of fence post	902.43
Rockford, 9.5 miles south of, about 60 feet southwest of Buck school, at rd. crossing; **Iron post** stamped "885"	**885.225**
Rockford, 10.3 mi. s. of, 1 mi. s. of Buck school, in middle of +rds.; top of rock	872.72
Rockford, 11.4 mi. s. of, at road crossing, 0.5 mi. n. of Union school; spike in base of fence post	872.78
Rockford, 11.9 mi. s. of, at road crossing, on w. side of highway, 200 ft. north of Union school; spike in base of fence post	882.84
Rockford, 12.7 mi. s. of, 1 mi. s. of Union school, at rd. +ing; **Iron post** "887"	**887.070**
Celina, 2.5 mi. s. by 3 mi. w. of, at road +ing, in front of Bennett school; spike in base of telephone pole	889.43

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	Feet
Celina, 2.5 mi. s. by 2 mi. w. of, at road crossing, 1 mi. e. of Bennett school; spike in base of telephone pole	877.46
Celina, 2 mi. s. by 0.5 mi. s. w. of, on s. side of e.-w. highway at Y road; spike in base of fence post	872.44

Point 1 mi. s. of Union school w., n., and e. to Rockford

Celina, 2.5 mi. s. by 4.5 mi. w. of, about 100 ft. n. w. of Crouch school, at rd. crossing; spike in base of fence post	890.67
Erastus, 1 mi. e. of, 1 mi. w. of school, rd. +ing; spike in base of fence post	887.50
Erastus, at rd. +ing., in middle of town; s. e. cor. of cement watering trough	894.78
Erastus, 1 mi. w. of, at road crossing; **iron post** stamped "890"	**889.516**
Erastus, 1 mile w. by 1 mile n. of, in e. end of culvert floor under n.-s. highway at T road; spike	865.39
Wabash, 1.25 miles e. by 0.5 mile s. of, at road crossing, south end of iron culvert under e.-w. highway	876.85
Wabash, 1.25 miles e. of, at road crossing, at stone culvert under n.-s. highway; top of e. end of arch	867.33
Durbin, 1 mile w. of, at road crossing; **iron post** stamped "872"	**871.764**
Durbin, 1 mile w. by 0.5 mile n. of, on n. side of highway at road crossing; spike in base of fence post	873.70
Durbin, 1 mi. w. by 1.5 mi. n. of, on e. side of rd. at T rd.; spike in telep. pole	869.72
Durbin, 1 mi. w. by 2.5 mi. n. of, at s. e. cor. rd. +ing; spike in base fence post	868.48
Durbin, 1 mile w. by 3.5 mi. n. of, at road crossing; **iron post** stamped "Prim. Trav. Sta. No. 22—1909—857"	**857.481**
Chattanooga, 3 mi. e. by 0.5 mi. s. of, rd. +ing at Bursville; spike in telep. pole	841.76
Chattanooga, 3 mi. e. of, on n. side of rd. at +ing.; spike in base of fence post	842.13
Chattanooga, 3 mi. e. by 1.5 mi. n. of, on e. side of n.-s. road and s. side of e.-w. road at crossing; spike in base of fence post	828.59
Chattanooga, 3 mi. e. by 2.5 mi. n. of, at rd. +ing; **iron post** stamped "819"	**819.346**
Chattanooga, 3 mi. e. by 3.5 mi. n. of, at T rd., in front of T. G. Spry's residence; spike in base of fence post	811.90
Rockford, 4.5 mi. w. of, at road crossing, in front of M. C. Tickle's residence; spike in base of fence post	816.79
Rockford, 4.5 mi. w. by 0.5 mi. n. of, about 0.8 mi. n. w. of M. C. Tickle's residence, 0.25 mi. s. of Geo. Hill's residence; **iron post** stamped "819"	**818.740**
Rockford, 5.2 mi. n. w. of, s. w. cor. of +rds. at Zion Church and Winkler school, in n. w. cor. of platform of iron pump; copper B. M. nail "812"	812.17
Rockford, 5 mi. n. w. of, 0.25 mi. east of Winkler school, at road crossing; spike in base of telephone pole	807.75
Rockford, 4 miles n. w. of, at T road, in front of Henry King's residence; spike in base of fence post	801.40
Rockford, 3 mi. n. w. of, at Y road, about 600 ft. s. e. of Maplewood farm; **iron post** stamped "801"	**801.346**

Shively west along highways to point 2.8 mi. northwest of Durbin

Shively, 1 mi. w. of, at Pearstof school (district No. 8), at road crossing; spike in base of fence post	866.42
Shively, 2 mi. w. of, at road crossing; spike in base of fence post	864.66

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	Feet
Shively, 3 mi. w. of, 100 ft. s. e. of Center Church, at road crossing; spike in base of telephone pole	864.87
Point 1 mile west of Erastus along highways 1.2 miles	
Erastus, 1.6 miles w. of, s. w. corner of T road s.; chiseled square on w. end of stone drain, marked "873.1"	873.10
Erastus, 2.2 miles w. of, s. w. corner of crossroads; chiseled square on west end of stone drain, marked "885.6"	885.60
Point 4 mi. n. w. of Mendon to point 9.8 miles south of Van Wert	
Van Wert, 10.8 mi. south of, on county line, at road crossing near Wesley Chapel; spike in base of fence post	816.07
Van Wert, 9.8 miles s. of, at T rd., in front of schoolhouse (district No. 9); spike in base of fence post	802.32
Schumm s. and w. along highways to point 5 miles n. w. of Rockford	
Schumm, 1 mi. s. of, n. e. corner of T road n.; spike in base of fence post, marked "809.7"	809.99
Schumm, 1 mi. s. by 0.5 mi. w. of, on n. side of road at T road s.; spike in base of fence post, marked "809.4"	809.69
Willshire, 2.5 miles s. e. of, on Fort Wayne road, at n. e. cor. of road forks; spike in base of fence post, marked "793.9"	794.22
Willshire, 2.25 mi. s. e. of, s. w. corner of road forks; spike in base of fence post, marked "797.7"	798.01
Rockford north along highways 3.5 miles	
Rockford, 1.4 mi. n. of, at n. e. cor. of T road e.; spike in base of fence post, marked "836.7"	836.76
Rockford, 1.6 mi. n. of, at railroad +ing; top of rail, painted "844.2"	844.22
Rockford, 2.4 mi. n. of, at n. e. corner of crossroads; spike in base of corner fence post, marked "823.8"	823.81
Rockford, 3.5 mi. n. of, 2 mi. s. of Ohio City, in n. w. corner of crossroads; spike in base of telephone pole, painted "830.9"	830.96
Point 2.2 mi. n. w. of Montezuma	
Montezuma, 2.2 mi. n. w. of, on n. side of road e.-w. at T road, in front of John Puthoff's res.; **iron post** stamped "877"	**877.334**

Ceredo Quadrangle

On left shore of Ohio River (precise line of Army Engineers)

Kenova, W. Va., on s. face of 1st land pier (n. of steel trestle) of N. & W. Ry. bridge over Ohio River, Army Engineers U. S. B. M. 315-A; **seat cut** in 2nd course of stone above ground (1897), 17½ ft. s. e. of w. corner of pier, marked U. S.; Elev. 539.820	**539.320**
Catlettsburg, Ky., s. w. cor. of Louisa and Division Streets, Army Engineers U. S. B. M. 316-A; **cut** on top of foundation stone under window east of office entrance of Big Sandy National Bank; 11.25 ft. e. of west corner of bldg., 58 ft. w. of Louisa St., w. curb line, marked thus U B M S Elev. 549.088	**548.588**

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	Feet
Ashland, Ky., 1¾ miles above landing at water works pumphouse, Army Engineers U. S. B. M. 320-A; **cut** on top of stone 6 inches square sunk in ground 6 inches below surface marked thus U. △ S., Elev. 537.499.....	**536.998**
Ashland, Ky., s. w. corner 15th and W. Front Sts., Army Engineers U. S. B. M. 322-A; **cut** on top of stone foundation of Aldine Hotel, 27 ft. s. w. of n. e. cor. of bldg. marked U B M S (building since removed) Elev. 547.061...	**546.560**

Chagrin Falls Quadrangle

Macedonia along highway e. to Twinsburg, thence n. to Orange Center, thence e. to Punderson Lake

Twinsburg, in culvert in s. e. triangle of rd. +ing; **aluminum tablet** stamped "985 ADJ 1903" (destroyed).....	**984.830**
Solon, town hall, belt line at n. w cor.; **aluminum tablet** "1037 ADJ 1903"....	**1037.194**
Barry (Orange Center), at cen. of Orange twp., in s. e. cor. of foundation of town hall, 325 ft. s. of +roads; **aluminum tablet** stamped "1031 ADJ 1903"..	**1030.580**
Russell Center (Taylor P. O.), town hall, in s. e. corner of foundation; **aluminum tablet** stamped "1094 ADJ 1903".....	**1094.028**
Ford (Newbury Center), 0.91 mi. w. of, in s. wing wall, e. abut. small iron bridge; **aluminum tablet** stamped "1162 ADJ 1903".....	**1161.918**

Auburn s. w. via Bainbridge and Aurora to Twinsburg

Bainbridge (Bissells P. O.), at +roads, in e. culv., w. side of road; **aluminum tablet** stamped "1166 ADJ 1903".....	**1166.180**
Aurora, 635 ft. n. of +rds., in stone culv. w. side of road; **aluminum tablet** stamped "1119 ADJ 1903".....	**1119.245**

Chardon Quadrangle

Painesville s. along B. & O. Ry. to Chardon, thence s. w. along C. & C. Electric Ry. to Bass Lake (Fowlers Mill)

Painesville, on front entrance step at s. e. cor. of courthouse; chiseled circle	680.25
Painesville, on e. side of soldiers monument in City Park, in lower water table; **aluminum tablet** stamped "678 Cleveland".....	**677.458**
Concord, 0.5 mi. s. of, n. side of Painesville-Concord rd., 200 ft. w. of B. & O. Ry. +ing, in top of 2 by 5 ft. sandstone coping stone, in center of culvert; **bronze tablet** stamped "897 Cleveland".....	**896.427**
Painesville, 6.25 mi. s. of, on culv. stone on e. side of B. & O. track, s. side of e. and w. road +ing; chiseled square	1013.46
Chardon, s. w. cor. Court and Washington Sts., n. side, at n. e. cor. of frame house, in foundation wall; **bronze tablet** stamped "1233 Cleveland".....	**1232.770**

Fowlers Mill easterly to Huntsburg, thence n. to Madison

Fowlers Mill, 4 mi. e. of, n. w. cor. of +roads, on culv. stone; + cut.....	1158.13
Claridon, 1.25 mi. w. of, s. e. side of brg. over outlet branch Cuyahoga River set flush in abut.; **bronze tablet** stamped "Cleveland 1136".....	**1135.668**
Claridon, 1 mi. w. of, n. e. cor. of +roads, in large boulder; square cut.....	1183.82
Claridon, at n. e. cor. of +roads, in stone watering trough; square cut.....	1323.86

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East Claridon, in stone n. e. of post office; square cut	1224.44
East Claridon, 0.5 mi. e. of, in n. w. cor. of bridge over Branch of Cuyahoga River in abut. stone; **aluminum tablet** stamped "Cleveland 1130"	**1129.443**
Huntsburg, 2 mi. w. of, n. e. cor. of +roads, on large boulder; square cut	1244.64
Huntsburg, 1 mi. w. of, n. w. cor. of +roads, on culv. stone; **square cut**	**1246.762**
Huntsburg, 1 mi. w. by 1 mi. n. of, on s. e. cor. of +roads; + cut	1271.14
Huntsburg, 2 miles n. by 1 mile w. of, s. e. cor. of +roads, in n. w. cor. of foundation frame farmhouse; **aluminum tablet** stamped "Cleveland 1283"	**1282.459**
Montville, in s. w. cor. of M. E. Church; **aluminum tablet** "Cleveland 1239"	**1238.286**
Montville, 2 mi. n. of, s. e. cor. of watering trough, n. w. cor. of +rds.; sq. cut	1168.52
South Thompson, 0.5 mi. s. of, s. w. cor. of +rds. on large boulder; sq. cut.	1163.71
South Thompson, 25 ft. s. of postoffice, e. side of rd., in stone foundation of frame house; **bronze tablet** stamped "Cleveland 1170"	**1169.244**
South Thompson, 1.2 mi. n. of, n. w. cor. of +rds., on large boulder; sq. cut	1276.30
Thompson, Congregational Church, in s. w. cor. of stone foundation; **bronze tablet** stamped "1277 Cleveland"	**1276.266**
Thompson, s. side of +road, on conglomerate stone; + cut	1274.57
Thompson, 1 mi. n. of, n. w. cor. of +rd., on culv. stone; square cut	1139.84
Madison, 2.5 mi. s. of, in s. w. cor. of bridge over Grand River, in abut. stone; **aluminum tablet** stamped "696 Cleveland"	**695.761**
Madison, 2 mi. s. of, n. w. cor. of T road n., on stone; square cut	830.38

Chesterhill Quadrangle

Coolville n. w. along B. & O. S. W. Ry. to Canaanville (precise line)

	Feet
Coolville, about 3.8 miles w. of, on east abutment of small railroad bridge; **chiseled square** marked "B. M" (C. & G. S. B. M. XLIII)	**606.153**
Stewart, 1.2 miles e. of, on top of wall of w. abutment of railroad bridge; **chiseled square** marked "B. M" (C. & G. S. B. M. XLVIII)	**615.347**
Stewart, about 0.8 mi. w. of, on w. abutment of railroad bridge over Hocking River; **chiseled square** marked "B. M" (C. & G. S. B. M. XLVII)	**616.420**
Guysville, about 1 mi. w. of, on e. abutment of Baltimore & Ohio R. R. brdg.; **chiseled square** marked "B. M." (C. & G. S. B. M. XLIV)	**617.345**
Guysville, about 2.5 mi. w. of, on w. abut. of ry. bridge over Little Hocking River; **chiseled square** marked "B. M." (C. & G. S. B. M. XLV)	**621.889**
Canaanville, about 492 ft. e. of Canaan Chapel, on w. abutment of small bridge; **chiseled square** marked "B. M." (C. & G. S. B. M. XLVI)	**623.767**

Federal s. along M. C. & C. Ry. to Amesville, thence along highway to Canaanville

Amesville, 200 ft. from Ry. track, brick store, in top of sandstone foundation in s. end of w. wall; **bronze tablet** stamped "630 Columbus"	**631.057**
Amesville, 1 mi. s. w. of, on Athens and Amesville pike, 150 ft. n. e. of house and barn, n. w. stone abutment of iron bridge over creek; cross mark	637.00
Amesville, 3 mi. s. w. of, 4.5 miles north of Canaanville, on southeast stone abutment of new iron bridge over creek; cross	650.37
Canaanville, 0.25 mi. n. w. of sta., s. e. cor. of Methodist Church facing s., in sandstone foundation; **aluminum tablet** stamped "675 Columbus"	**675.406**

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Guysville along highway s. to Mills schoolhouse, thence west via Old Hull to Binghams Gap 1 mile north of Judson

	Feet
Guysville, s. w. foundation face of house of C. C. Hulbert; **bronze tablet** stamped "652 Columbus 1903"	652.154
Guysville, east end of platform; head of bolt	621.18
Guysville, 3.1 miles s. e. of, 500 ft. w. of Mills school, at forks of rd. in s. w. foundation of bridge over stream; **bronze tablet** "738 Columbus 1903"	**737.864**
Rhodehaver Corners, 0.5 mile s. of, forks of rd. w. on ridge to Hull, in n. w. cor. of; nail in base of fence post	925.94
Rhodehaver Corners, 1.5 mi. s. w. of, at forks of rd. 1 mi. e. of Old Hull at bridge over East Branch Shade Creek, on n. e. stone abut.; chiseled square	767.44
Hull (old location), 0.5 mi. w. of, at by-road to s., on s. e. foundation of small bridge w. of forks; chiseled square	800.32

Coolville w. across Hocking River via highway and Deep Hollow to Mills schoolhouse 3 miles south of Guysville

Deep Hollow schoolhouse, 0.3 mi. w. of, at wooden bridge over Jordan Run where road turns s., on s. e. foundation; chiseled square	649.54
Mills schoolhouse, 0.1 mi. w. of, on Coolville-Guysville pike, at junction of rd. from e., on s. w. abutment of bridge over stream; square cut	738.98

Dunbar along highway n. w. to Chesterhill, thence w. to Federal

Bartlett, in n. w. face of stone foundation of house of Lewis Knapp; **bronze tablet** stamped "898 Columbus 1903"	**898.164**
Bartlett, 3 mi. n. of, Coal Run wood bridge, n. w. cor. of bridge, on abut.; square cut	733.59
Chesterhill, in n. w. corner of foundation of school building, in sill; **aluminum tablet** stamped "995 Columbus 1903"	**994.594**
Chesterhill, 3 miles w. of, at forks of rd. west uphill to Joy, on northeast foundation of bridge, over Opossum Run; square cut	772.04
Calvary (Wrightstown), in northeast corner of foundation of Christian Church; **aluminum tablet** stamped "1041 Columbus 1903"	**1040.716**

Browns Mill westerly along highway via Dale to Chesterhill

Dale, 2.5 miles n. w. of Wolf Creek, 4 ft. s. of n. w. corner of foundation of store; **aluminum tablet** stamped "972"	**971.632**
Chesterhill, 3 mi. e. of, s. w. cor. of Tabor Christian Church, in top stone of foundation; **aluminum tablet** stamped "948"	**948.396**

Chillicothe Quadrangle

1.5 mi. n. e. of Kingston s. and e. along highway to Whisler, thence s. to Hallsville, thence west to Kinnikinnick

Meade, 1 mi. s. w. of, s. w. cor. of T rd. n. w., on rock in culv.; chiseled sq. painted "U. S. T. B. M. 739.5"	739.62
Kingston, in watertable s. w. cor. of s. face of Kingston Hotel, at n. e. cor. of Main and Pickaway Streets; **aluminum tablet**	**796.483**
Kingston, 2.54 miles e. of, at n. w. cor. of iron highway bridge, 400 ft. e. of road north; on top of round iron post	750.45

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	Feet
Whisler, in s. w. cor., s. face of foundation wall of Cumberland Presbyterian Church; **aluminum tablet** stamped "836"	**836.059**
Hallsville, in e. face of foundation wall, 10 ft. n. of s. e. cor. of S. H. Clark's brick store at n. e. cor. of 3 corners; **aluminum tablet**	**841.134**
Whisler east to Adelphi, thence s. w. to Hallsville	
Whisler, 3.7 miles e. of, on n. e. abutment, iron highway bridge over Salt Creek, 200 ft. w. of rd. running n. and s.; chiseled square	760.47
Adelphi, 2.05 miles s. w. of, at s. e. cor. of three corners of rd. to s., 100 ft. s. e. of Rose's house; spike in root of locust tree	904.67
Chillicothe s. e. along Baltimore and Ohio Railroad to Vigo	
Chillicothe, 4 miles s. e. of, on B. & O. R. R. in top of main pier at s. e. cor. of overhead +ing bridge; **aluminum tablet** stamped "623—1906"	**623.252**
Schooley, s. e. cor. of sta. bldg., in e. face; **aluminum tablet** stamped "655—1906"	**654.805**
Vigo northeast along highway to Cox	
Londonderry (Gillespieville P. O.), n. w. cor. of +rds., in south face of brick store; **aluminum tablet** stamped "686—1906"	**685.973**
Londonderry (Gillespieville P. O.), about 150 ft. n. of n. e. corner of +rds., 126 ft. n. e. of Radcliff's general store, in top of sandstone post; **aluminum tablet** stamped "Prim. Trav. Sta. No. 11"	**684.385**
Near Renick south along highway to Waller	
Waller, w side of rd., 200 ft. s. of T rd. east, in lot; **iron post** stamped "Prim. Trav. Sta. No. 15—629"	**628.644**
Hallsville south along highway to bridge 4 miles east of Chillicothe	
Hallsville, 2.9 miles s. of, at s. w. cor. of +rds., n. e. corner of Pleasant Valley Church, in e. face; **aluminum tablet** stamped "792—1906"	**791.669**
Charleston, 1 mi. n. of Tucson P. O., s. w. side of town, at rd. forks, in s. e. cor. of brg. over Walnut Creek, in seat; **aluminum tablet** stamped "730—1906"	**729.933**
Mooresville, s. e. corner of iron bridge over Walnut Creek, in bridge seat; **aluminum tablet** stamped "679—1906"	**679.554**
Elevations along west border of quadrangle	
Chillicothe, 2 miles n. of, at switch to Marfield's mill; top of north rail	635.0
Chillicothe, Paint Street +ing of C. H. & D. Ry.; top of s. rail of main track	620.30
Chillicothe via N. and W. Ry. to Portsmouth (precise line)	
Chillicothe, in front of station; top of rail	627.0
Renick, in front of station; top of rail	618.4
Renick, 1.2 mi. s. of, n. abut. of railroad brdg. w. of track, top of retaining wall; **aluminum tablet** stamped "624"	**616.680**
Locks, in front of station; top of rail	615.6
Locks, 0.19 mile s. of, n. abut. of brdg. over rd. w. side of track, retaining wall, top of; **aluminum tablet** stamped "610"	**610.030**
Schooley via Chillicothe n. to Delano and Elmwood (precise line)	
Schooley, 1.5 miles east of, e. abut. of railroad bridge over Walnut Creek; **chiseled square** marked "B M" (C. & G. S. B. M. LV)	**657.572**

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Chillicothe, in wall at side of entrance to courthouse; **bronze tablet** "643.67"	**643.195**
Chillicothe, on pedestal of the lamp-post on n. side of steps of front entrance of courthouse, **chiseled square** "Q. B. M. U. S. C. & G. S. Aug. 5, 1879"....	**638.001**
Chillicothe, +ing of B. & O. Ry. and N. & W. Ry.; top of rail....	626.7
Chillicothe, 0.5 mi. n. of, in top of s. abut. of N. & W. Ry. brdg., on w. side of, 12 ft. from cen. of track and 5.75 ft. below top of rail; **aluminum tablet**..	**620.307**
Chillicothe, 5.6 mi. n. of, 90 ft. s. of Delano sta., at s. e. cor. of +rds., in bridge seat stone; **bronze tablet** stamped "691" Columbus 1899"	**690.752**
Chillicothe, 5.6 mi. n. of, in top of concrete brdg. over small stream at Delano sta., S. V. Traction Line, at s. e. cor. of +rds.; **aluminum tablet** stamped"694"	**693.952**
Delano station, N. & W. Ry.; top of rail.....	694.4
Kinnikinnick station, N. & W. Ry.; top of rail	710.3
Kingston, 1000 ft. n. of, in top of step stone of arch culv. s. w. cor.; **bronze tablet** stamped "774 Columbus 1899" (on spur line 0.46 mile).....	**774.068**
Kingston, N. & W. Ry. station; top of rail	765.2
Kingston, 0.75 mile north of, in top of southwest corner of a stone arch across a branch on N. & W. Ry.; **aluminum tablet**.....	**746.711**
Elmwood flag station; top of rail.....	744.2

Chillicothe northwest along highway to Adamsville

Chillicothe, n. part of town, w. side of High Street, in front of Mrs. Rosa Rahile's residence, on sidewalk curb; chiseled sq. marked "634.1 T. B. M."	634.12

Chillicothe s. w. along highway toward Huntington

Chillicothe, 1 mi. s. of, s. w. corner of Waverly and Paint Creek pikes intersection, in telephone pole; copper B. M. nail....	613.95
Chillicothe, 2 mi. s. of, on Paint Creek Pike, in top of guard rail along pipe; copper B. M. nail.....	624.95

Circleville Quadrangle

Circleville s. e. along highway to Leistville, thence s. w. to Meade

	Feet
Circleville, 1.9 mi. s. e. of, at road s., in fence post e. of road; copper B. M. nail stamped "721".....	721.16
Circleville, 3.25 mi. s. e. of, at district No. 5. schoolhouse, s. e. cor. of crossroads, on rock in culvert; chiseled square marked "804.5".....	804.47
Circleville, 4.4 miles s. e. of, in corner of yard of E. Thatcher's house, s. w. corner of Thatcher's crossroads; **iron post** stamped "854 Ohio"....	**853.967**
Circleville, 6.3 mi. s. e. of, 100 ft. n. w. of crossroads, on s. e. wing of wall of bridge; chiseled square painted "U. S. T. B. M. 818"	818.10
Leistville, in n. e. corner of crossing of Circleville and Adelphi pike and Maysville pike; **iron post** stamped "851 Ohio".....	**851.213**
Meade, 0.7 mile n. e. of, at road to e., in corner post of wire fence, northeast corner of road; copper B. M. nail painted "U. S. T. B. M. "806.3".....	806.36
Meade, in s. e. cor. of +rds., opposite McAfee's store; **iron post** "775 Ohio"	**774.661**

Leistville n. e. by road to Oakland, thence w. 1.5 mi. to +rds., thence n. to Lancaster road, thence e. to near Amanda (portion of line)

eistville, 1 mi. n. e. of, 500 ft. s. w. of +roads, on n. e. wing wall of bridge over stream; chiseled square painted "U. S. T. B. M. 841".....	840.97

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	Feet
Leistville, 2.2 miles n. e. of, at road s., s. e. angle of road, in box culvert; copper B. M. nail painted "U. S. T. B. M. 969"	968.99
Leistville, 2.9 miles n. e. of, s. e. corner of T road s., in corner fence post; copper B. M. nail painted "U. S. T. B. M. 975"	975.08
Tarlton, n. w. cor. of Main and German Streets, at s. w. corner of Ingham Wylie's house; **iron post** stamped "892 Ohio."	**891.828**
Tarlton, 1.4 mi. n. of, at T road e., west side of road, in corner fence post on section line; copper B. M. nail marked "U. S. T. B. M. 1065.3"	1065.32
Oakland, 1 mi. s. of, n. e. cor. of crossroads, in telephone pole; copper B. M. nail painted "U. S. T. B. M. 1063.20"	1063.14
Oakland, at road w. on section line, n. end of town, e. side of road at head of T, in telephone pole; copper B. M. nail stamped "U. S. T. B. M. 1053.3"	1052.23
Oakland, 1.5 mi. w. of, 3 mi. n. of Tarlton, in s. w. corner of crossroads, in n. e. corner of district No. 16 schoolhouse and United Brethren Church; **iron post** stamped "1015 Ohio"	**1015.305**
Oakland, 2 mi. w. of, at T rd. e., top of sec. cor. rock painted "U. S. T. B. M. 1091.5"	1091.48
Amanda, 2.5 mi. w. of, intersection of Lancaster pike at Israel Evangelical Lutheran Church, in southwest angle of rd., opposite David Young's house; **iron post** stamped "974 Ohio"	**973.600**
Amanda, 1.7 mi. w. of, iron brg. over Clear Creek, in s. e. wing wall, cen. of top rock, 3 in. from w. edge; chiseled sq. painted "U. S. T. B. M. 891.4".	891.25
Amanda, 1,500 feet west of railroad crossing, T road north to Royalton, 50 feet west of road, on coping stone of stone culvert south of road; chiseled square painted "U. S. T. B. M. 902.8"	902.69

Point near Amanda n. to Royalton, thence w. to Ashville, thence s. to point 4 miles north of Circleville

Amanda, 1.2 mi. n. of, e. side of rd. at T rd. w., 15 ft. s. of center of T in telephone pole; copper B. M. nail, stamped "U. S. T. B. M. 938.8"	938.72
Amanda, 2.1 mi. n. of, at rd. intersection, n. side of rd., 60 ft. n. w. of center of intersection, in small teleph. pole; copper B. M. nail painted "U. S. T. B. M. 934.5"	934.39
Amanda, 3 miles north of, southwest corner of crossroads at Amanda township cemetery, in corner of cemetery; **iron post** stamped "Ohio 935"	**934.964**
Royalton, 1.5 mi. s. of, in s. w. corner of wing wall of iron bridge, 200 ft. s. crossroads; chiseled square painted "U. S. T. B. M. 940.5"	940.32
Royalton, at southeast corner of public school building; **iron post** stamped "Prim. Trav. Sta. No. 6, 1906—Ohio—1011"	**1011.211**
Royalton, 1.2 miles west of, southeast angle of lane south, in telephone pole; copper B. M. nail, painted "U. S. T. B. M. 959"	959.02
Royalton, 2 miles west of, at crossroads, northeast angle of crossroads, in telephone pole; copper B. M. nail stamped "U. S. T. B. M. 932"	931.66
Royalton, 3.7 miles west of, at southwest corner of yard of H. S. Kiger, northeast corner of crossroads; **iron post** stamped "877 Ohio"	**876.782**
Royalton, 4.6 mi. w. of, s. w. corner of crossroads, in concrete foundation of corner post of farm fence; chiseled square painted "U. S. T. B. M. 832.6"	832.38
Ashville, 4.5 miles e. of, on e. side of road at T road east; **iron post** stamped "Prim. Trav. Sta. No. 5, 1906—Ohio—790"	**789.943**
Ashville, 3.5 mi. e. of, T rd. w. at Brinker's store, e. side of rd. chiseled sq. on fence post foundation; chiseled square and copper B. M. nail painted "U. S. T. B. M. 732.9"	732.66
Ashville, 2 mi. n. e. of, 800 feet east of Walnut Creek crossing, in northwest corner of crossroads; **iron post** stamped "712 Ohio"	**711.929**

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	Feet
Ashville, 1.5 miles n. e. of, south side of road, on section line, at T road north, in fence post; copper B. M. nail painted "U. S. T. B. M. 711.6"	711.37
Ashville, 0.8 mi. n. e. of, at district No. 3 or Greenfield schoolh. at n. e. cor. of +rd, in sleeper of culvert; copper B. M. nail painted "U. S. T. B. M. 714.3"	714.08
Ashville, 0.5 mi. e. of, e. side of road, at T road west to Ashville, near small graveyard, in teleph. pole; copper B. M. nail stamped "U. S. T. B. M. 710.6"	710.38
Ashville, 1 mile south of, west side of road, at T road east, in telephone guy pole; copper B. M. nail painted "U. S. T. B. M. 710"	709.78
Ashville, 2 mi. s. of, 0.5 mi. e. of Rhoads, in root of elm tree at southeast corner of intersection; copper B. M. nail stamped "U. S. T. B. M. 704"	703.85
Rhoads, 0.8 mi. w. of, n. e. cor. of intersection of Columbus and Circleville roads, in cor. wire fence post; copper B. M. nail painted "U. S. T. B. M. 698.8"	698.64
Circleville, 4.5 mi. n. of, on Columbus road at brick schoolhouse, n. e. corner of +rds., in telephone pole; copper B. M. nail painted "U.S. T. B. M. 699.6"	699.39
Circleville n. e. along highway to point 2.8 miles w. of Amanda	
Circleville, s. e. corner of Main and Mingo Streets, on stone; chiseled square painted "U. S. T. B. M. 690"	690.37
Circleville, 1.3 mi. n. e. of, n. e. cor. of fair grounds, s. w. cor. of road east; chiseled square on rock, painted "U. S. T. B. M. 715"	715.3
Circleville, 3 mi. n. e. of, on Lancaster rd., s. e. cor. of +rds.; **Iron post** "778 Ohio"	**777.534**
Circleville, 3.9 mi. n. e. of, T rd. n. to Mineral Springs, n. e. cor. of, on stone; chiseled square painted "U. S. T. B. M. 865"	865.06
Circleville, 4.4 miles n. e. of, at w. entrance to infirmary, s. e. cor., on cor. stone of culvert; chiseled square painted "U. S. T. B. M. 891"	890.64
Circleville, 4.7 miles n. e. of, n. e. corner of +rds., in telephone pole; copper B. M. nail painted "U. S. T. B. M. 931"	930.99
Circleville, 5.3 miles n. e. of, n. e. angle of T road n., on concrete culvert; chiseled square painted "U. S. T. B. M. 966"	965.91
Circleville, 6.5 miles n. e. of, on Lancaster road, in s. e. cor. of +rds., on county line; **Iron post** stamped "1055 Ohio"	**1055.014**
Circleville, 7.5 miles n. e. of, s. e. cor. of T road s., in culvert; copper B. M. nail painted "U. S. T. B. M. 1072.3"	1072.36
Circleville, 8.7 miles n. e. of, s. w. angle of +rds., in telephone pole; copper B. M. nail painted "U. S. T. B. M. 1023.4"	1023.41
Circleville and Lancaster road on county line north along county line to Ashville and Royalton pike	
Lancaster road, 1.3 miles n. of, n. e. cor. of T rd. n., on county line, in fence post; copper B. M. nail painted "U. S. T. B. M. 1075.2"	1075.23
Lancaster road, 2.2 miles n. of, 150 ft. n. of T rd. e., s. side of road; chiseled square on concrete culvert, painted "U. S. T. B. M. 1014"	1013.99
Lancaster road, 3.2 miles n. of, 1 mi. e. of Ringgold in s. e. cor. of +roads, intersection of county line and Ringgold pike; **Iron post** stamped "948 Ohio"	**948.325**
Ringgold pike, 1.4 miles n. of, s. e. angle at lane west, in telephone pole; copper B. M. nail painted "U. S. T. B. M. 841.2"	841.23
Walnut township, district No. 6 schoolhouse, at s. w. cor. of +rds., in fence post at n. e. cor. of schoolh.; copper B. M. nail painted "U. S. T. B. M. 852"	852.12
Store 3.5 miles e. of Ashville s. to Circleville and Lancaster road	
Hedges Chapel, M. E. Church, in s. w. cor. of +roads, 25 ft. s. of +roads, w. side of rd., on concrete walk; chiseled sq. painted "U. S. T. B. M. 734.1"	733.89

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	Feet
Hedges Chapel, M. E. Church, 1 mi. s. of, at election house, n. w. corner of +roads; **iron post** stamped "763 Ohio"	**763.219**
Emanuel Evangelical Church and Dry Run schoolh., n. e. cor. of +roads at, on stone; chiseled sq. painted "U. S. T. B. M. 820.5"	820.22
Emanuel Evangelical Church and Dry Run schoolh., 1 mi. s. of, n. e. cor. of +rds. at s. w. cor. of George Heffner's house; **iron post** stamped "807 Ohio"	**807.045**
Grace Chapel, s. side of rd. at intersec. of Ringgold pike, in teleph. pole; copper B. M. nail painted "U. S. T. B. M. 781.6"	781.32
Lancaster road, 1 mi. n. of, in n. w. angle of T rd. w.; chiseled sq. on stone, marked "777"	776.71
Circleville w. along roads to Spunkeytown +rds. (portion of line)	
Circleville, Scioto River, surface of water under bridge; June 14, 1911	648
Circleville, 1 mi. w. of, 140 ft. w. of milepost 1, s. side of road, on stone in retaining wall; chiseled sq. painted "U. S. T. B. M. 660"	659.83
Circleville, 1.6 mi. w. of, at Spunkeytown +roads, 150 ft. s. of entrance to Thomas Brown's yard, at old tollgate; **iron post** stamped "Prim. Trav. Sta. No. 76—Ohio—665"	**665.417**
Point near Ashville to South Bloomfield (portion of line)	
Ashville, 0.5 mi. w. of, s. w. cor. of T road s., in n. side of teleph. pole, on Bloomfield turnpike; copper B. M. nail	701.27
South Bloomfield, 0.25 mi. s. of, on Bloomfield pike, w. side of road, in teleph. pole; copper B. M. nail painted "U. S. 698"	695.62
South Bloomfield, in s. e. corner of schoolhouse yard; **iron post** stamped "Prim. Trav. Sta. No. 2—697—Ohio"	**694.602**
Point southwest of Middle Fork southwest via Stringtown to Adelphi	
Stringtown, southwest corner of Wm. Ballard's pasture, in sandstone post; **aluminum tablet** stamped "Prim. Trav. Sta. No. 9—821"	**821.041**
Point near Hayesville to Ashville (precise line)	
Hayesville, 0.75 mi. s. of, in w. end of top of coping stone of arch culvert across a small draw on N. & W. Ry.; **aluminum tablet**	**713.656**
Circleville, 4.0 mi. s. of, in n. end of w. abut. of covered brdg. over Scippo Creek; **bronze tablet** stamped "707 Columbus 1899" (on spur line 0.54 mile)	**706.535**
Circleville, 1.62 miles s. of, in e. side of s. end of top of a stone culvert on the N. & W. R. R. at s. end of siding at Gregg's station; **aluminum tablet**	**690.194**
Circleville, N. & W. Ry. station; top of rail	689.3
Circleville, at n. w. corner of main building of courthouse; **iron post** stamped "Prim. Trav. Sta. No. 4—Ohio—694" (on spur line 0.25 mile)	**693.568**
Circleville, 2 mi. n. of, in s. end of w. parapet of box culvert; **aluminum tablet** stamped "693 Columbus 1899" (destroyed)	**693.162**
Circleville, 4 mi. n. of, 60 ft s. of viaduct across Scioto Valley Traction Co. and N. & W. Ry., about 500 ft. n. of elevator at siding, 12 ft. w. of center of track of N. & W. Ry.; **iron post**	**693.040**
Cromley, 0.25 mi. s. of; Ashville, 1 mi. s. of, in cover stone of, on e. side of a small stone culvert, on N. & W. Ry.; **aluminum tablet**	**709.621**
Ashville, in front of station; top of rail	715.2

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Point 3.1 mi. w. of Circleville to Westfall (Portion of line)

	Feet
Circleville, 3 mi. w. of, 180 ft. n. w. of George Weidinger's gate to yard n. side of rd., in teleph. pole; copper B. M. nail painted "U. S. T. B. M. 674"	673.79
Westfall, schoolh. district No. 3, in second step from ground, steps to yard s. side of rd.; copper B. M. nail, painted "U. S. T. B. M. 667.9"	667.82
Westfall, 0.3 mi. s. of schoolh., e. side of rd. at rd. cor.; **iron post** "661 Ohio"	**660.785**

Clarington Quadrangle

Benwood, W. Va., southwest in Ohio along Ohio River and Western R. R. via Shady Side to Kelsey

Wegee Creek Bridge, on southeast abutment; chiseled square	645.22
Ashley (Flag Station,) O. R. & W. Ry.; on top stone of n. w. abut. to e. brg.	711.08
Key Station, O. R. & W. Ry., in flag stone under s. w. corner of station platform; b. m. marked "U. S. G. S."	1249.53
Jacobsburg triangulation sta., 0.5 mi. w. of Key sta., Robert McKelvey's res., in top of found'n on n. e. cor. of house; **aluminum tablet** stamped "1385 Stbnvl"	**1384.815**

Kelsey s. along Ohio River and Western Ry. and rds. via Armstrongs Mills and Crabapple to Cameron, thence e. to Clarington

Captina station, crossing 0.25 mi. w. of, near iron bridge, 50 ft. e. of road crossing, on large rock;	721.70
Armstrongs Mills, 0.12 mile east of, wagon road bridge over Captina Creek, at northeast corner of bridge floor; square cut in stone	770.23
Armstrongs Mills, 0.25 mile w. of, in northeast cor. of foundation of brick church; **bronze tablet** stamped "806 Stbnvl"	**805.507**
Armstrongs Mills, 0.25 mi. w. of sta., brg. No. 167, in s. w. stone abut.;	840.77
Crabapple station, O. R. & W. Ry. brg., s. w. abut., in top stone; chiseled sq.	933.24
Beallsville, 2 mi. e. of, on top of large stone on n. e. corner of Four Corners, near Dexter schoolhouse;	1202.62
Cameron P. O., 3.5 mi. n. of, on n. w. cor. grass plat, rd. n. e.; stone marked x	898.70
Cameron P. O., 0.25 mi. n. of, on top stone of s. e. abut. of brg.; chiseled sq.	687.45
Cameron, iron bridge over Sunfish Creek, w. end of south abutment, on top of stone supporting truss; **bronze tablet** stamped "698 Stbnvl"	**698.031**
Clarington, (uphills) 2.5 mi. w. of, on large stone 20 ft. e. of forks on n. side of road w.; **chiseled square**	**672.953**
Clarington, 2 mi. w. of, iron brdg. over Nigger Run, s. w. abut., top stone of; cut	633.41
Clarington, on top stone, n. e. abutment of bridge over Sunfish Creek	628.32

Kelsey northwest along highways to Belmont

Kelsey, in front of station; top of rail	1243.8
Concord Presbyterian Church, 0.5 mi. e. of Centerville, on s. e. corner lower step, main entrance	1320.85
Centerville, 0.5 mile n. of, on large stone on s. e. corner of road e.	1271.50

At Myers Knob

Myers Knob, △ sta., 5 mi. s. w. of Bellaire, in top of monument; **bronze tablet**	**1359.883**

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Dexter schoolhouse (2 miles e. of Beallsville) e. along German Ridge to Powhatan Point

	Feet
Beallsville triangulation station, 3 mi. e. of Beallsville, on top of Gale Knob, on top of marble monument; **bronze triangulation tablet**	**1414.740**
Cameron, rd. to, near old creamery, on small stone 20 ft. e. of tree at cor.	1308.74
Clarington, rd. s. e. to, at German Methodist Ch., stone 30 ft. w. of signpost	1320.22
German M. E. Church, 0.5 mi e. of, on large flat stone at corner of forks in ridge road; chiseled square	1332.96
Switzer, 1 mi. n. e. of, German Lutheran Church, Switzerland Twp., on n. side, in found'n e. of front entrance; **aluminum tablet** stamped "1291 Stbnvl"	**1290.815**
German Lutheran Church, 0.25 mi. e. of, on stone on n. w. cor., rd. n. w.	1304.56
Powhatan Pt., 1 mi. (top of hill) s. of, on large sandstone at forks with old road; chiseled square	1215.50
Powhatan Pt., 0.5 mi. w. of, on large stone on s. w. corner of Captina Creek Pike and Clarington road; chiseled square	631.22

Left shore of Ohio River (Army Engineers' precise line)

Moundsville, W. Va., at upper end of; Army Engineers' **U. S. B. M.** 101-A; on B. & O. Ry. brdg. over Little Grave Cr., on top w. end s. abut., Elev. 641.206	**640.793**
Moundsville, W. Va., lower end of, Army Engineers' **U. S. B. M.** 102-A; on O. R. Ry. brdg. over Big Grave Creek, top of n. abut., w. side of track, Elev. 642.694	**642.280**
Moundsville, W. Va., 4 miles below, Army Engineers' **U. S. B. M.** 105-A; on O. R. Ry. bridge No. 149, east side of track, top of s. abut. Elev., 639.974	**639.558**
Captina Island, W. Va. near upper end of, Army Engineers' **U. S. B. M.** 107-A; on O.R. Ry. bridge No. 169, e. side of track, top of s. abut. Elev., 638.804	**638.387**
Powhatan Point, Ohio, 0.25 mile above, Army Engineers' **U. S. B. M.** 109-A; O. R. Ry. bridge over Hog Run (W. Va.) on w. end s. abut. Elev., 640.405	**639.985**
Woodlands, W. Va., opp. lower end of Fish Creek Island, Army Engineers' **U. S. B. M.** 113-A; on O. R. Ry. brdg. over Fish Creek; east end of s. pier, Elev. 637.513	**637.091**
Franklin, W. Va., 1 mi. below Fish Cr. Island, Army Engineers' **U. S. B. M.** 114-A; on O. R. Ry. brdg. over Coon Run, on w. wing wall near angle of s. abut., Elev. 635.502	**635.079**

Cleveland Quadrangle

Cleveland along highway e. to Warrensville, thence s. to Macedonia

Cleveland, mean elevation of Lake Erie by U. S. Engineers' water gage readings; for years 1886-1900 inclusive	**572.153**
Cleveland, Superior Street, Soldiers' Monument in public square, in front of west end of coping; **aluminum tablet** stamped "668 Cleveland 1901"	**668.692**
Warrensville, brick schoolhouse, w. end of, n. face, in foundation 1 ft. from ground; **bronze tablet** stamped "1048 Cleveland 1901"	**1047.794**
Bedford, 2.5 miles n. e. of, red brick schoolhouse at intersection of 5 roads, left side of door, bottom step near wall, small square	1082.07

Cleveland via North Royalton and Boston to Peninsula

Cleveland, C. C. C. and St. L. Ry. bridge over Cuyahoga River, s. e. side of track, on e. end of abutment; chiseled cross	592.26
North Royalton, Church of Christ, e. face and about 2 ft. from ground, in foundation; **bronze tablet** stamped "1237 Cleveland 1901"	**1236.640**

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	Feet
Boston, between Cuyahoga River and mill race to paper mill, s. e. corner of masonry pier; **bronze tablet** stamped "664 Cleveland 1901"	663.815

Cleveland s. along W. & L. E., A. B. & C., C. A. & C. and C. T. & V. railroads to Canton (precise line)

Cleveland, on top of n. e. wall of Ohio Canal Lock, at connection of canal with river; U. S. Engineers' **mark BxM**	581.407
Cleveland, (U. S. Engineer's bench mark No. 2), s. cor. of Front and River Streets, n. cor. of Johnson Block, on cor. stone of water table; **chiseled cross**	577.736
Cleveland, n. e. corner of River and Superior Streets, s. w. corner of brick block; **cross** (x) on stone water table	594.726
Cleveland, **zero mark** U. S. Engineer's water gage, plane of reference for harbor improvements, and mean elevation of Lake Erie for years 1860 to 1875 inclusive. Note: This elevation was obtained from primary leveling from bench mark No. 2 and is 0.09 foot lower than would be obtained by using the difference by the Lake Survey	572.677
Cleveland, in front of Erie station; top of rail	602.6

Line continued along Wheeling and Lake Erie Railroad (precise line)

Cleveland, in front of Wheeling and Lake Erie station; top of rail	641.6
Cleveland, grade +ing of Wheeling and Lake Erie Railroad and Cleveland Terminal and Valley Railway; top of rail	587.35
Cleveland, e. corner of Independence St., and E. Clark Ave. n. cor. of railroad bridge over canal and street, on fourth step of wing wall above ave.; **chiseled square**	591.931
Newburg, in front of station; top of southwest rail	780.7
Cleveland, grade crossing of Penna., and W. & L. E. Rys.; top of rail	785.01
Cleveland, Miles Avenue, crossing near station; top of rail	849.2
Cleveland, Miles Avenue, 0.84 mi. s. of sta., n. w. cor. of girder bridge No. 15 over A. B. & C. Elec. Ry., on coping stone of founda.; **chiseled square**	822.719
Bedford, 2.16 mi. n. w. of, (R. R. bench mark); top of stone **milepost** "C 10".	906.503
Bedford, in front of Wheeling and Lake Erie station; top of rail	946.0
Bedford, n. corner of town hall, face of fourth course of foundation stones from top; **chiseled cross**	949.644

Line continued along Penna. Railroad (precise line)

Bedford, in front of Cleveland and Pittsburg station; top of rail	941.0
Bedford, 1.62 mi. s. of, grade +ing of A. B. & C., and Penna. Rys.; top of rail	994.9
Macedonia, 1.52 mi. n. of, s. w. corner of girder bridge over highway, on coping stone of foundation; **chiseled square**	1038.756
Macedonia, s. w. wing wall of girder bridge over road, top of highest step; **bronze tablet** stamped "1004 Cleveland"	1003.395

Line continued west along road to Northfield, thence south along Akron, Bedford and Cleveland Railroad (precise line)

Little York, in front of station; top of rail	973.2
Little York, 350 ft. s. of sta., on n. end of arch wall e. side of rd.; chiseled sq.	969.98

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Town Line, in front of station; top of rail	1037.7
Highland Springs, n. w. cor. of +rds., on rock in fence cor., **chiseled square**.	**1069.044**
Highland Springs, in front of station; top of rail	1071.9

College Corner Quadrangle

Point 9.25 miles north of Morning Sun west to State line, thence north to point 3 miles west of West Florence

	Feet
West Florence, 1 mi. s. of, 50 ft. n. by 12 ft. e. of the s. w. cor. of sec. 3, on e. abut. of s. end of stone culv.; chiseled sq., "1114" painted on culvert	1113.90
West Florence, 1 mi. s. by 1 mi. w. of, 150 ft. e. by 15 ft. s. of n. e. cor. of sec. 8, on s. side of rd. on boulder; chiseled sq., "1110" painted on boulder	1109.72
West Florence, 1 mi. s. by 2 mi. w. of, 15 ft. n. by 15 ft. e. of s. w. cor. of sec. 5, on e. abut. of south end of stone header over end of 3-foot tile culvert; chiseled square, "1119" painted on telephone pole	1118.84
West Florence, 1 mi. s. by 3 mi.w. of, at s. w. cor. of sec. 6, on Ohio-Indiana State line, 2 ft. e. of corner fence post, on sandstone rock; chiseled sq., "1129" painted on telephone pole	1128.77
West Florence, 1 mi. w. of, near n. w. cor. of sec. 6, on Ohio-Indiana line, at n. e. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 38—1135"	**1135.502**

Point 3 mi. w. by 1 mi. s. of West Florence along highways s. along State line and east to point 2 miles north of Morning Sun

College Corner, 10 mi. n. of, at s. w. cor. of sec. 7, on Ohio-Indiana State line, at n. w. corner of T road east, n. end of concrete header; chiseled square, "1119" painted on header	1118.59
College Corner, 9 mi. n. of, 600 ft. n. of s. w. corner of section 18, on Ohio-Indiana State line, on e. abutment of south end of concrete brdg.; chiseled square, "1102" painted on bridge girder	1102.21
College Corner, 8 mi. n. of,30 ft. n. by 22 ft. e. of s. w. corner of sec. 19, on Ohio-Indiana State line; **iron post** stamped, "1094 Ohio"	**1094.240**
College Corner, 7 mi. n. of, 680 ft. w. of n. w. cor. of sec. 31, on w. abut. on n. side of covered bridge; chiseled sq., "1064" painted on bridge (Indiana).	1063.85
College Corner, 6 mi. n. of, at s. w. cor. of sec. 31, on State line, on e. stone header over end of tile; chiseled sq., "1046" painted on teleph. pole near.	1045.70
College Corner, 5 mi. n. of, at n. e. cor. of T rd. e., 20 ft. n. by e. of center of T road e.; **iron post** stamped "Prim. Trav. Sta. No. 37—1052"	**1052.150**
College Corner, 4 mi. n. of, 60 ft. n. of s. w. cor. of sec. 7, on State line, in root of 48-in. elm; copper B. M. nail, "1043" painted on tree	1043.15
College Corner, 4 mi. n. e. of, cor. of secs. 7, 8, 18, and 17, on cor. stone rock; highest point, "1035" painted on cor. fence post	1034.80
Fairhaven, 1 mi. s. w. of, at s. w. cor. of sec. 9 near n. w. cor. of T rd. n., on south end of large flat rock over west end of tile drain; chiseled square, "972" painted on fence near	972.46
Fairhaven, 1 mi. s. e. of, 20 ft. s. by 12 ft. e. of n. w. cor. of sec. 15, in base of teleph. pole; sixty-penny spike, "1027" painted on pole	1027.30

Point 4 miles n. of College Corner along highway s. along state line and east to Oxford

College Corner, 2.92 mi. n. of, 20 ft. n. by e. of n. w. corner of sec. 19, on Ohio-Indiana State line, 1 ft. e. of fence, in root of maple tree; copper B. M. nail, "1027" painted on fence	1026.85

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	Feet
College Corner, 2 mi. n. of, at s. w. cor. of sec. 19, on Ohio-Indiana State line, 20 ft. n. by 15 ft. w. of cen. of T rd. e., on cor. stone; chiseled sq., "1014" painted on fence	1014.56
College Corner, 0.93 mi. n. of, 60 ft. n. by 20. ft. w. from s. w. cor. of sec. 30, on Ohio-Indiana State line, on e. end of s. side of concrete walk leading to Frank Ross' res.; chiseled cross, "989" painted on mail box post	989.34
College Corner, in s. e. cor. of Union school yard; **iron post** stamped "991 Ohio"	991.340
College Corner, at C. H. & D. Ry. +ing, on Ohio-Indiana State line; top of rail, "989" painted on crossing sign	989.1
College Corner, 0.58 mi. s. of, 100 ft. s. of s. w. cor. of cemetery, 10 ft. e. of wheel track, in root of 48-in. elm tree; copper B. M. nail, "977" painted on fence near, (Indiana)	976.84
College Corner, 1.25 miles south of, 40 ft. e. of Ohio-Indiana State line, on s. side of road, in root of 16-in. walnut tree; copper B. M. nail, "979" painted on fence opposite	979.38
College Corner 2 mi. s. e. of, 0.25 mi. e. of s. w. cor. sec. 7, 0.25 mi. e. of Ohio-Indiana State line, at n. e. cor. of T road n., on large stone; chiseled square, "973" painted on telephone pole	972.81
College Corner, 3 mi. s. of, 30 ft. n. by 20 ft. e. from s. w. cor. of sec. 18, on Ohio-Indiana State line, in root of maple tree; copper B. M. nail, "973" painted on telephone pole near	973.38
Oxford, 4 mi. w. of, 20 ft. s. by 45 ft. w. of cor. of secs. 19, 24, 25, and 30, on Ohio-Indiana State line, in n. e. cor. of Frank Hansel's field, at T rd. s.; **iron post** stamped "Prim. Trav. Sta. No. 36, Ohio—1910—889"	888.889
Oxford, 3.17 miles w. of, on Oxford and Fairfield pike, directly in front of R. Drake's residence, on base of concrete hitching post; chiseled square, "998" painted on hitching post	997.96
Oxford, 2.08 miles w. of, on Oxford and Fairfield pike on s. end of concrete walk to Perry Aker's res.; chiseled sq., "1031" painted on mail box post	1030.94
Oxford, 1 mi. w. of, at n. w. cor. of George Mann's barnyard, on s. side of rd., 4 ft. north of fence, in root of maple tree; copper B. M. nail, "969" painted on telephone pole near	969.43

Columbiana Quadrangle

Calla e. along highway to New Middletown, thence s. via Petersburg to East Palestine

Calla, 3.5 miles e. of, in e. face of n. e. corner of Paradise Reformed Church, at s. w. cor. of +rds.; **aluminum tablet** stamped "1165—1906"	1164.308
Calla, 6.5 miles e. of, 70 ft. e. of Youngstown and Southern Electric Ry., in wing wall at s. w. cor. of small iron bridge; **aluminum tablet** stamped "1133"	1132.985
New Middletown, 3 mi. n. w. of, at s. e. cor. of small iron bridge over branch of Yellow Creek, in wing wall; **aluminum tablet** stamped "1068"	1068.023
New Middletown, in w. face of n. w. corner of school building at s. e. cor. of road forks at s. edge of village; **aluminum tablet** stamped "1257"	1256.347
Petersburg, in e. face s. e. cor. of Presby. Church; **aluminum tablet** "1115"	1114.685
Petersburg, in w. part of, at rd. forks, on stone step to M. E. Church; chisel mark	1137.91
Unity, 500 ft. w. of, n. w. cor. of main +rds., 10 ft. from s. w. cor. of Methodist Church, in west face; **aluminum tablet** stamped "1216—1906"	1215.565
East Palestine, in north face of northwest corner of public school building on School Street; **aluminum tablet** stamped "1027—1906"	1026.537

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East Palestine, s. e. cor. of s. e. **pier** to coal tipple at State Line.....	**1033.498**

Petersburg westerly via Columbiana to Washingtonville

New Springfield, 360 ft. e. of main +roads, in cen. of n. face of public school building, in water table; **aluminum tablet** stamped "1213—1906".....	**1213.099**
Columbiana, 2.5 mi. n. e. of, on n. w. cor. of T rd. to w., in e. face of s. e. corner of Henry Vandel's dwelling; **aluminum tablet** stamped "1143—1906"	**1142.866**
Columbiana, s. e. corner of Main and Pittsburg Sts., in n. face of northwest corner of M. E. Church; **aluminum tablet** stamped "1138—1906".....	**1137.978**
Columbiana, 2.0 miles n. by 1 mile west of, s. w. cor. of +rds., in e. face of n. e. cor. of Germantown schoolh.; **aluminum tablet** stamped "1175—1906"	**1174.762**

Columbiana south to near Fairview schoolhouse, thence east to New Waterford

Columbiana, s. w. cor. of **doorsill** of sta., P. Ft. W. & C. Ry. B. M.....	**1116.791**
Middleton (Mosk P. O.), about 500 ft. n. of main crossroads, in s. face of s. e. corner of schoolhouse; **aluminum tablet** stamped "1262—1906".	**1261.885**
New Waterford, in north face of northwest corner of public school building; **aluminum tablet** stamped "1053—1906".....	**1052.770**
New Waterford, northeast corner of n. **coping** of bridge, Penna. Ry. B. M.	**1057.055**

East Palestine s. along rd. to Negley, thence westerly and s. w. to Elkton

Negley, 0.5 mi. w. of station, in bridge seat at n. e. corner of P. L. & W. Ry. bridge over Leslie Run; **aluminum tablet** stamped "847—1906"	**846.555**
Mill Rock, 2.2 miles w. of Negley, at s. e. corner of railway road crossing, at northwest corner of stone mill; **aluminum tablet** stamped "928—1906".....	**927.873**
Signal, 0.25 mile east of, in bridge seat at south corner of bridge over public road; **aluminum tablet** stamped "1069—1906".....	**1068.310**
Elkton, in bridge over Elk Run, last stone in northwest abutment; **aluminum tablet** stamped "898 Stbnvl".....	**897.694**

Elkton north to Fairview schoolhouse

Elkton, 2.0 mi. n. of, cen. of s. e. face of church; **aluminum tablet** stamped "1153, 1906"...	**1152.492**
Fairview schoolhouse, 4.0 miles s. of Columbiana, in east face of southeast corner; **aluminum tablet** stamped "1286—1906"	**1285.460**

Columbus Grove Quadrangle

Columbus Grove along highway n. e. to Pandora, thence w. to bridge No. 51, 3 miles n. of Columbus Grove

	Feet
Columbus Grove, U. S. C. & G. S. B. M. "Q_1", on s. w. cor. of Sycamore and High Sts., in water table of Theodore Kenneke's building, 24 feet west of northeast corner; **bronze bolt**.	**775.919**
Columbus Grove, cor. of Sycamore and High Sts., n. face of Kenneke bldg., in water table, 24 ft. w. of n. e. cor.; **aluminum tablet** stamped "776 ADJ 1903"	**775.937**
Columbus Grove, 3 mi. n. of, U. S. C. & G. S. B. M. "O_1", on second step below brdg. seat on s. abut. of ry. brdg. 51, C. H. & D. Ry.; **chiseled square**.....	**746.442**
Columbus Grove, 3 mi. n. of, in w. end of s. abutment of bridge 51, C. H. & D. Ry.; **aluminum tablet** stamped "748 ADJ 1903".....	**748.046**

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Bridge 51, 3 mi. n. of Columbus Grove, along highway w. to Kalida, thence s. to Rimer, thence e. and s. to West Cairo

	Feet
Columbus Grove, 7.45 mi. n. w. of, sec. 12, in brickwork of schoolh., district No. 3, s. end of e. face; **aluminum tablet** stamped "740 ADJ 1903"	740.070
Kalida, center of sec. 5, in brickwork of schoolhouse, west end of south face; **aluminum tablet** stamped "731 ADJ 1903"	731 084
Kalida, 4.1 miles south of, south side of sec. 30, in brickwork of schoolhouse dist. No. 3, s. end of w. face; **aluminum tablet** stamped "749 ADJ 1903"	748.447
Rimer, sec. 7, in brickwork of schoolhouse district No. 9, north end of east face; **aluminum tablet** stamped "760 ADJ 1903"	759.708
Vaughnsville, in found'n wall of Christian Church, s. end of w. face, sec. 10, e. side of; **aluminum tablet** stamped "768 ADJ 1903"	768.003
Columbus Grove, 3.5 miles south of, 70 ft. s. of highway, in w. end of s. abut. of ry. culvert over Sycamore Run; **aluminum tablet** stamped "791 ADJ 1903"	790.543
West Cairo, U. S. C. & G. S. B. M., 125 meters w. of ry., on s. side of Main St., on n. w. cor. of foundation of dwelling of Chas. Wallis; a **brass bolt**	814.617
West Cairo, sec. 32, n. side of, in water table of residence of Chas. Wallis, n. end of w. face; **aluminum tablet** stamped "815 ADJ 1903"	814.594

Rimer along highway south to Allentown, thence east to Lima

Rimer, 3.17 mi. s. of sec. 29, w. side of, in water table of schoolhouse, district No. 3, s. end of west face; **aluminum tablet** stamped "783 ADJ 1903"	783.276
Elida, sec. 8, s. w. cor., in water table of Methodist Church, east end of south face; **aluminum tablet** stamped "797 ADJ 1903"	797.126
Allentown, sec. 29, n. e. cor. of, in s. end of e. face of brickwork of schoolhouse; **aluminum tablet** stamped "823 ADJ 1903"	823.257

Lima along highway n. e. to Beaverdam, thence w. to West Cairo

Lima, 3 mi. n. of, between secs. 7 and 18, in seventh step from top at n. e. ¼ of viaduct under C. H. & D. Ry.; **chiseled square**, U. S. C. & G. S. B. M. "T1"	836.395
Lima, 3 miles north of, sec. 7, southeast corner of, in top of last step of northeast retaining wall of arched stone highway passage under railway track; **aluminum tablet** stamped "821 ADJ 1903"	821.196
Lima, 6.15 miles n. e. of, sec. 11, south center of, 400 feet north of 5 corners, in top of n. end of w. retaining wall of stone highway culvert; **aluminum tablet** stamped "876 ADJ 1903"	875.616

Ottawa south along C. H. & D. Ry. to Lima (precise line)

Columbus Grove, about 3 mi. n. of, 110 ft. above milepost 56, on the s. w. cor. of abut. of C. H. & D. Ry. brg. 51, 2nd step below brg. seat course, 6 in. from face and 6 in. from edge of stone; **chiseled square** (C. & G. S. B. M. O1)	746.442
Columbus Grove, n. side of Sycamore St., about 33 ft. e. of C. H. & D. Ry., on A. H. Day bldg., at left side of e. entrance, on s. w. cor. of iron plate under iron post; **square cut** with a cold chisel (C. & G. S. B. M. P1)	770.993
Columbus Grove, Theodore Kenneke bldg., s. w. cor. of Sycamore and High Sts., in water table on s. side of Sycamore St., about 24 ft. w. of e. cor., at head of stair to basement; **brass bolt** marked with hor. line (C. & G. S. B. M. Q 1)	775.919
West Cairo, 2.5 mi. n. of, on C. H. & D. Ry., 50 ft. below rd. +ing, on s. e. cor. of culv. over Run, s. w. cor. 2nd step; **chiseled square** (C. & G. S. B. M. R1)	790.435
West Cairo, 410 ft. w. of C. H. & D. Ry. track, s. side of main cross street, on n. w. cor. found'n of Charles Wallis res., in n. face near w. angle of water table; **brass bolt** with horizontal line (C. & G. S. B. M. S1)	814.617

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	Feet
West Cairo, 3 mi. s. of, on C. H & D. Ry., at e-w. road on sec. line between sec. 17 and 18, in front Henry Boose's res. n. e. cor. of viaduct arch, under track, on s. end of 7th step from top; **chiseled sq.** (C. & G. S. B. M. T1)	**836.395**

Conesville Quadrangle

Point 5.6 miles north of Zanesville north five miles

Zanesville, 5.6 miles north of, in ground west of track opposite milepost "T-11"; top of rail set vertically, marked "B. M. 724"	723.66
Gilbert station, 300 feet south of, in top of north abutment of railroad bridge; **aluminum tablet** stamped "710"	**709.899**
Gilbert, in front of station; top of rail	715.1
Gilbert, 1.6 miles north of, west of track opposite milepost "T-9"; top of rail set vertically in ground, marked "B. M. 736"	735.53
Ellis, 0.5 mile north of, west of track opposite milepost "T-8"; top of rail set vertically in ground, marked "B. M. 723"	723.15
Ellis, 1.5 miles north of, west of track opposite milepost "T-7"; top of rail set vertically, marked "B. M. 716"	716.35
Ellis, 1.6 miles n. of, 100 ft. s. of flag station, 80 ft. w. of track, w. of road, in top of culvert masonry; **aluminum tablet** stamped "716"	**716.403**
Ellis, 2.5 miles north of, west of track opposite milepost "T-6"; top of rail set vertically in ground, marked "B. M. 719"	718.65

Trinway northeast via Conesville to Coshocton

Adams Mills, in canal lock, in top of south end at east side of gate wall; **aluminum tablet** stamped "736"	**735.765**
Adams Mills, 2.5 miles n. e. of, 60 feet w. of milepost "P-130", 10 feet south of Pennsylvania railroad, in culvert; **aluminum tablet** stamped "748"	**747 970**
Conesville, in front of station; top of rail	745.6
Conesville, 1,170 feet north of station, west of track, in front foundation stone of water tank; **aluminum tablet** stamped "745"	**744.981**
Franklin, in front of station; top of rail	755.0
Franklin, 1.6 miles north of, at railroad crossing, in top of bridge seat north end abutment west side of highway bridge; **aluminum tablet** stamped "769"	**769.193**

Sonora north to Conesville

Sonora, 2.52 miles n. w. of, 600 ft. n. of C. Reichel's residence, in n. e. abutment of stone arch bridge; **aluminum tablet** stamped "877"	**876.800**
East Greenwood, center of T road e., in top of section corner stone; **aluminum tablet** stamped "982"	**981.837**
Adamsville, 1.54 miles s. of, in e. abutment of concrete bridge over s. branch of Simms Creek; **aluminum tablet** stamped "849"	**849.091**
Adamsville, 1.35 mi. s. of, opposite T road w. on n. w. cor. of barn; chiseled square marked "894.7"	894.57
Adamsville, 0.9 mi. s. of, n. e. cor. of T rd. e. on stone; chiseled sq. painted "1005.6"	1005.51
Adamsville, in n. e. corner of street crossing in front of hotel, on large stone; chiseled square marked "1019.8"	1019.19
Adamsville, 1.6 mi. n. of, in cen. of T rd. w., on rock; chiseled sq. marked "982.2"	982.09
Adamsville, 2.31 miles n. of, 60 ft. w. of public road, 500 ft. n. of T road w., in s. e. cor. of barn owned by F. Hanks; **aluminum tablet** stamped "1032"	**1031.512**

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	Feet
Adamsville, 3.61 miles n. of, at Y road e., in center of road 4 ft. from w. fence; chiseled square painted "1006.0"	1005.90
Ferncliff, 0.25 mi. s. of, in s. e. corner of foundation of J. W. Vensel's house; **aluminum tablet** stamped "1081"	**1081.212**
Wills Creek, 3.07 miles s. of, on s. abutment w. side of bridge over Big Run; chiseled square marked "742.1"	741.91
Wills Creek, 2.36 miles s. of, 150 ft. n. of T road, in s. abutment w. side of small wooden bridge; **aluminum tablet** stamped "751"	**750.621**
Wills Creek, 2 mi. s. of, on n. abut. e. side of brg; chiseled sq. marked "744.9"	744.63
Wills Creek, 0.9 mile s. of, 50 ft. w. of large covered bridge at T road e., on large rock; chiseled square marked "738.6"	738.38
Wills Creek, 50 ft. w. of T road, in n. abutment of w. side of new iron bridge; **aluminum tablet** stamped "747"	**747.223**
Wills Creek, 0.88 mile w. of, n. of road, 350 ft. w. of Robinson Church on large stone; paint spot painted "858.9"	858.67
Conesville, 0.5 mile n. e. of, tool house and waiting room of W. & L. E. Ry. station, on s. w. corner of platform; bolt head painted "744.4"	744.11

Point three miles southwest of Plainfield via Marquand to point two miles south of Wills Creek

Plainfield, 3.92 miles s. w. of, 50 ft. e. of T road n., in w. abutment n. side of small wooden bridge; **aluminum tablet** stamped "749"	**749.466**
Marquand Mill, 0.55 mile n. of, at T road n., on top step of church; chiseled square marked "791.9"	791.87
Marquand Mill, in s. pier w. side of iron bridge over Wills Creek; **aluminum tablet** stamped "749"	**748.523**
Marquand Mill, 1.1 mi. w. of, n. of rd., on large rock; chiseled sq. marked "806.0"	805.98

Marquand southeast via Otsego to Bloomfield

Marquand Mill, 2.09 miles s. e. of, on e. abutment s. side of small wooden bridge; chiseled square marked "805.6"	805.54
Otsego schoolh., at s. e. cor.; **iron post** stamped "Prim. Trav. Sta. No. 59—809"	**809.408**
Otsego, 1 mi. s. of, on stone on e. abut. of culv.; chiseled sq. painted "793.6"	793.53
Otsego, 3.35 miles s. of, in s. abutment w. side of small wooden bridge; **aluminum tablet** stamped "815"	**814.848**

Conneaut Quadrangle

Ohio-Pennsylvania State Line s. w. along Pennsylvania and Ohio Electric Railway tracks to Ashtabula

Conneaut Creek, in west wing wall, on s. side of, and at e. end of high level bridge over; chiseled square	653.43
Conneaut, in southeast corner of Hotel Cleveland, in face of stone foundation wall; **aluminum tablet** stamped "662 Cleve"	**662.105**
Conneaut, in front of residence No. 626 State St. at intersection of Main St., in stepping stone; chiseled square	667.04
Conneaut, 2.7 miles w. of, 500 ft. w. of P. & O. Street Railway car barns, at n. w. corner of crossroads, in corner stone; cross cut	684.56
Conneaut, 2.5 mi. w. of, opposite residence of F. Cole, at forks of road, in root of large tree; copper B. M. nail	688.81

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Amboy, at +rds., on s. end of public stone watering trough; chiseled square	704.54
North Kingsville, in face of stone sill at n. w. corner of large brick building at s. e. corner of crossroads; **aluminum tablet** stamped "715 Cleve"	**715.220**
Ashtabula, 4 mi. e. of, at T. road s., in root of tree at s. w. cor. of rds.; nail	697.86

Conneaut along road s. to Pierpont, thence w. to brg. n. of Jefferson

Conneaut, 0.7 mi. s. of, at T road e., on w. side of main road, in tree knot; copper B. M. nail	676.02
Conneaut, 1.5 mi. s. of, at T road w., on e. side of road, on stepping stone with the name E. H. Stone thereon; chiseled square	693.93
Conneaut, 3 mi. s. of, +rds., at n. e. cor. of rds., on large stone; chiseled sq.	743.34
Farnham P. O. (South Ridge), at s. w. cor. of +rds., in root of tree; copper B. M. nail	840.80
Farnham, 0.3 mi. s. of former postoffice, in s. wing wall on s. e. end of cov'd bridge No. 1 over Conneaut Creek; **bronze tablet** stamped "745 Cleve., 1904"	**745.535**
Bushnell, 0.5 mi. n. of, at n. w. cor. of +roads, in root of tree; **spike**	**901.977**
Bushnell, at +rds., on n. e. cor. of public stone watering trough; chiseled sq.	869.04
Bushnell, s. abutment stone on w. side of iron girder brdg. over Ashtabula Creek, 800 ft. s. of postoffice; **aluminum tablet** stamped "865 Cleve"	**865.092**
Monroe Center, at +rds., in n. e. cor. of public watering trough; chiseled sq.	913.58
Monroe Center, in top of stone culvert on w. side of road; **bronze tablet** stamped "909 Cleve"	**908.787**
Monroe Center, 2 mi. s. of, at +roads, s. w. cor. of roads; chiseled sq	922.28
Pierpont, 2.5 mi. n. of, at +roads, at s. e. cor. of roads, this rd. is the town line between Monroe and Pierpont, in root of large tree; copper B. M. nail	954.92
Pierpont, on public stone watering trough; chiseled square	992.83
Pierpont, in stone base at n. e. corner of Congregational Church; **bronze tablet** stamped "995 Cleve"	**994.675**
Gould P. O., in public stone watering trough, line w.; chiseled sq	982.19
Giddings P. O. (Denmark Center), in culv. stone at s. e. cor. of rds.; chiseled sq.	955.90
Giddings postoffice, (Denmark Center), in w. end of culvert stone on n. side of rd. 630 ft. w. of postoffice; **aluminum tablet** stamped "952 Cleve"	**951.610**
Griggs Corners, 300 ft. s. of former P. O., in top stone of n. wing wall at n. e. cor. of girder brdg. over Griggs Cr.; **aluminum tablet** stamped "881 Cleve"	**880.867**
Griggs Corners, 1 mi. w. of, at T road s., on culv. stone at s. w. cor. of road; chiseled square	873.64

Continental Quadrangle

Continental west along N. Y. C. & St. L. Ry. to Oakwood

	Feet
Continental, New York, Chicago and St. Louis water tank, foundation under; **aluminum tablet** stamped "725"	**725.389**
Continental, N. Y. C. & St. L. Ry. sta. platform, in s. e. cor. of; bolt	725.40
Continental, crossing N. Y. C. & St. L. and O. Elec. Rys.; top of rail	725.4
Continental, crossing of N. Y. C. & St. L. and T. St. L. & W. Rys.; top of rail	725.5
Continental, 2.03 mi. w. of, in n. end, e. guard, concrete culv. about 50 ft. s. of railroad; chisel mark	722.30

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	Feet
Hartzburg, 3.0 mi. w. of Continental, highway +ing, bridge 500 ft. s. of ry., in n. e. bridge seat; **aluminum tablet** stamped "719"	**719.233**
Roselms, west, north, and n. e. along highways to near Defiance	
Grover Hill, in Main St., on w. curbing, 15 ft. n. of ry.; chisel mark	728.45
Grover Hill, small iron bridge across main street, 1,090 ft. north of railroad, s. abutment, w. wing wall; **aluminum tablet** stamped "725"	**725.247**
Grover Hill, in front of station; top of rail	728.6
Grover Hill, 1.02 miles w. by 1.03 miles n. of, n. w. corner of crossroads; **iron post** stamped "Prim Trav. Sta. No. 4—727"	**726.991**
Grover Hill, 1.02 mi. w. by 4.03 mi. n. of, e. end n. coping of concrete culv.; chisel mark	723.60
Melrose, 4 miles w. of, 990 ft. n. of New York, Chicago and St. Louis Railroad, 250 ft. w. of crossroads, south wing wall, e. abutment small iron bridge, face of; **aluminum tablet** stamped "708"	**707.881**
Paulding, 4 miles e. of, on Charloe road, crossroads, masonry under culvert, w. end of small bridge; **aluminum tablet** stamped "721"	**721.208**
Junction, 2 mi. w. by 3 mi. s. of, cor. stone in cen. of +roads	720.27
Junction, 1 mi. w. by 2 mi. s. of, stone in center of +roads	713.95
Junction, 1 mile w. by 0.5 mile s of, n. abutment, east wing wall, small iron bridge, top of; **aluminum tablet** stamped "704"	**703.687**
Junction, 1 mile w. of by 3.0 miles n. of; schoolhouse in n. w. corner of +rds., e. face of foundation; **aluminum tablet** stamped "717"	**716.440**
Junction, 3 mi. n. of, cor. stone in cen. of +roads	715.58
Junction, 3 miles n. and 1.5 miles e. of, small iron bridge over canal, w. abutment, s. coping; **aluminum tablet** stamped "717"	**717.141**
Junction, 3 mi. n. by 2.71 mi. e. of, junction with diagonal rd., stone in cen. of rd., 40 ft. w. of diagonal	701.05
Near Grover Hill	
Grover Hill, 1 mi. w. by 0.98 mi. s. of, +rds., cor. stone in cen. of; chisel mark	731.02
Dorninton west along C. H. & D. Ry. to Roselms (precise line)	
Crosswell, 3.62 miles w. of, 1 mile e. of Cloverdale, bridge over Big Auglaize, w. abutment; **aluminum tablet** stamped "728"	**727.684**
Cloverdale, crossing of T. St. L. & W. Ry. with C. H. & D. Ry., in front of station; top of rail painted "724"	723.5
East Mandale, in front of station; top of rail	723.4
Mandale, in front of station; top of rail	727.4
Mandale, schoolhouse 130 ft. w. of canal, n. side of railroad, e. foundation; **aluminum tablet** stamped "723"	**722.710**
Roselms, in front of station; top of rail	725.5
Roselms, McMillans grist mill, e. face of; **aluminum tablet** stamped "724"	**724.334**
Roselms n. along road to Melrose, thence e. to Oakwood, thence n. to Big Auglaize River bridge s. of Defiance (precise line)	
Roselms, 0.89 mile n. of, n. abutment of bridge over Middle Creek, e. side, top of; square marked "U. S. 716 B. M."	716.05
Roselms, 3.06 miles n. of, s. abutment, w. side of steel highway bridge; **aluminum tablet** stamped "712"	**712.314**

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	Feet
Melrose, n. w. corner of State and Superior Streets, in cement sidewalk; **aluminum tablet** stamped "717"	**717.160**
Oakwood, railroad bridge on Main Street, e. abutment, in face of; **aluminum tablet** stamped "707"	**707.381**
Oakwood, 3.88 miles n. of, at crossroads, small bridge, n. abutment, w. face; **aluminum tablet** stamped "718"	**718.336**
Oakwood, 7.87 miles n. of, crossroads, s. e. corner of schoolhouse foundation; **aluminum tablet** stamped "717"	**716.806**
Oakwood, 10.09 miles n. of, Gorman schoolhouse, w. face of foundation; **aluminum tablet** stamped "711"	**711.742**
Point 2.5 miles northeast of Emmett east to point 4 miles northwest of Junction	
Emmett, 0.5 mile north by 3 miles east of, at northeast corner of crossroads; spike in base of telephone pole, marked "717.1"	716 79
Defiance e. along highway to point 5 mi. s. of Florida (portion of line)	
Defiance, 5.72 mi. s. e. of, in teleph. post at forks of rd.; nail marked "748"	748.02
Defiance, 7.23 mi. s. e. of, 1 mi. e. of Ayersville, in telephone pole, s. e. cor. of crossroads; nail marked "742"	742.30

Coshocton Quadrangle

Coshocton east to West Lafayette

Coshocton, in front of station; top of rail	777.0
Coshocton, in s. e. cor. of courth.; **aluminum tablet** "Prim. Trav. Sta. No. 57—777"	**776.868**
Coshocton, crossing of North 5th street; top of rail	775.6
Coshocton, 1.3 mi. e. of, in base of milepost "P-121"; spike	765.44
Coshocton, 2.3 mi. e. of, in base of milepost "P-120"; spike	765.94
Coshocton, 3.2 mi. e. of, 900 ft. w. of milepost "P-119," in front face of concrete foundation of semaphore pole; **aluminum tablet** stamped "767"	**767.632**
Coshocton, 4 miles e. of, at crossing of Wheeling and Lake Erie railroad and Pennsylvania railroad; top of rail	769.5
Coshocton, 4.2 mi. e. of, in base of milepost "P-118"; spike	768.85
Coshocton, 5.2 mi. e. of, in base of milepost "P-117"; spike	783.05
Chili north along highway to Charm	
Chili, 0.5 mi. s. e. of, T rd. s., n. e. cor. of rd. forks, in top of stone; chiseled sq.	825.02
Chili,0.2 mi. s. of, T rd. e., s. e. cor. of forks, in top of e. end of drain; chiseled sq.	844.62
Chili, 0.1 mile n. of, 150 ft. s. of crossroads, in top of e. wing of n. abutment of steel highway bridge over White Eyes Creek; chiseled square	813.64
Chili, 0.4 mi. n. of, crossroads, in top of stone; center of chiseled square	850.74
Chili, 0.95 mi. n. of, 60 ft. s. of T rd. w., in top of e. end of stone culv.; chiseled sq.	823.01
Chili, 2.1 miles n. w. of, 0.2 mile e. and 0.3 mile s. of section corner of secs. 14, 17, 13, 18, Crawford twp., s. w. cor. at T rd. w.; **iron post** stamped "857"	**856.689**
Chili, 3.2 mi. n. w. of, e. side of rd., private rd. w., in s. end of plank drain; copper B. M. nail	899.69
Chili, 3.7 mi. n. w. of, T rd. w., in top of n. end of plank drain; copper B. M. nail	895.46

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	Feet
New Bedford, 0.7 mi. s. w. of, about 200 ft. n. e. of house on w. side of road, top of small boulder on e. side of road; chiseled square	1075.10
New Bedford, 0.3 mi. s. w. of, s. w. cor., T rd. s. w., in top of stone; chiseled sq.	1123.42
New Bedford, s. part of town, at road forks, in w. end of stone culvert, on top; chiseled square	1136.16
New Bedford, at s. e. cor. of +rds., in top of s. end of stone culv.; chiseled sq.	1147.64
New Bedford, general store 400 ft. e. of crossroads, n. side of Main Street, in s. e. corner of stone foundation; **aluminum tablet** stamped "1155"	1154.958
New Bedford, 0.1 mile n. of, in s. w. corner at T road w., county line between Holmes and Coshocton counties, in top of stone step; chiseled square	1181.94
New Bedford, 0.98 mi. n. w. of, s. e. cor. of rd. forks, in top of stone; chiseled sq.	1135.36
New Bedford, 1.97 mi. n. of, at +rds, in base of mail box post at center of crossroads; spike	1221.58
New Bedford, 2.8 mi. n. of, n. w. cor. at T rd. w.; **iron post** stamped "1194"	1193.742
Charm, 1.5 mi. s. w. of, four cor. at, n. e. cor. of n. rd. forks, in top of stone; chiseled square	1208.63

Coshocton northwest along Pennsylvania Ry. to Warsaw Junction

Roscoe, in center of crossroads, in top of foundation of well; chiseled square	774.24
Coshocton, 2.1 mi. n. w. of, 100 ft. s. of bridge over canal, private road +ing, in base of telegraph pole on n. w. side; spike	781.44
Coshocton, 3.7 mi. n. w. of, 116 feet n. of railroad, in e. wing of n. abutment of swing bridge at road crossing; **aluminum tablet** stamped "776"	776 400
Randle station, 0.6 mi. s. e. of, n. side of track, at e. end of switch, in foundation of semaphore; copper B. M. nail	775.40
Randle station, at e. end of platform, 20 ft. w. of rd. +ing, in top of; copper B. M. nail	782.73
Randle station, 0.3 mi. n. w. of, 25 ft. w. of road, s. side of small wooden bridge over creek at road crossing; bolt head	786.05
Randle station, 1.0 mi. n. w. of, 200 ft. s. e. of e. end of canal locks, in s. side of bridge over small stream; bolt head	786 29
Warsaw Junction, 2.4 miles e. of, in top of s. end of s. wing of concrete dam in Walhonding River; **aluminum tablet** stamped "787"	786.869
Warsaw Junction, 1.4 miles e. of, in top of w. abutment, n. wing, railroad bridge over highway; chiseled square	797.28

Warsaw Junction north along C. A. and C. Ry. to Killbuck

Warsaw Junction, 1.3 mi. n. e. of, n. side of track, at road crossing, in post at foot of w. cattle guard; copper B. M. nail	796.43
Warsaw Junction, 2.4 mi. n. e. of, road +ing at, s. cattle guard w. side of track, in base of; spike	798.48
Warsaw Junction, 3.0 mi. n. e. of, 60 ft. w. of ry., at rd. +ing, in n. e. cor. of yard of W. G. Darling's res. at foot of teleph. pole; **iron post** stmpd. "794"	793.984
Warsaw Junction, 4.0 miles n. e. of, in s. abutment, w. wing of railroad bridge over Killbuck Creek, in top stone; chiseled square	788.27
Metham, in front of station; top of rail	794.6
Metham, 0.1 mile n. of station, n. e. corner of road forks, 40 ft. e. of railroad, at railroad crossing; **iron post** stamped "793"	792.720
Metham station, 1.7 miles n. of, n. abutment, e. wing, railroad bridge No. 121 over Killbuck Creek; chiseled square	794.17

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	Feet
Blissfield, 175 ft. w. of station, s. side of Main Street, 40 ft. n. e. of crossing, in n. w. cor. of yd.; **iron post** stamped "Prim. Trav. Sta. No. 17—1907—796"	**796.106**
Blissfield, 1.1 miles e. of, in n. wing of w. abutment of railroad bridge No. 120 over Killbuck Creek, in top stone; chiseled square	796.36
Helmick station, in top of n. e. cor. of platform; copper B. M. nail	797.80
Helmick, in front of station; top of rail	797.0
Layland, 1.2 miles s. of, s. end of switch to sand mill, w. right-of-way line, 50 ft. w. of track, 580 ft. s. of sand mill; **iron post** stamped "795"	**794.622**
Layland, n. side of rd., w. side of track, at +ing, in base of teleg. pole; spike	798.43
Layland, in front of station; top of rail	798.9
Layland, 1.3 miles n. of, in e. wing of s. abutment of railroad bridge No. 118 over Killbuck Creek; chiseled square	804.52
Layland, 2.1 miles n. of, 0.8 mile s. of Carpenter's switch, 0.8 mile n. of railroad bridge over Killbuck Creek, e. right-of-way line, 30 ft. w. of center of public road, 300 ft. n. of bend in public road to e.; **iron post** stamped "804"	**803.497**
Layland, 2.9 mi. n. of, Carpenter's switch, opposite section post 51 and 16, 150 ft. s. of switch stand, in top of n. post of rail stand; copper B. M. nail	802.68
Killbuck, s. e. edge of town, w. side of track, at road crossing, in base of s. cattle guard; spike	816.42

Grade south along highways to Coshocton

Grade, 1.9 mi. s. of, n. e. cor. of +roads, by mail box post, in top of stone; chiseled square	1062.67
Clark P. O. (Bloomfield), 1.2 mi. n. of, private road e., e. side of road, foot of mail box post opposite Oliver Shaffer's res., in top of stone; chiseled sq.	999.10
Clark P. O. (Bloomfield), 0.8 mi. n. of, s. w. corner at second class road w.; **iron post** stamped "941"	**941.347**
Clark P. O. (Bloomfield), 0.4 mi. n. of, e. side of road, at T road n. w., in top of stone; chiseled square	868.40
Clark P. O. (Bloomfield), 0.3 mile n. of, 200 ft. s. of T road e., in w. wing of n. abutment of small iron bridge; chiseled square	823.93
Clark P. O., intersection of main streets, s. w. cor. of foundation of American House, in n. e. cor. of street crossing; chiseled square	830.18
Clark P. O., 1.2 mi. s. of, T rd. n. e., s. e. cor. at, in top of stone; chiseled sq.	1023.36
Clark P. O., 1.8 mi. s. of, n. e. cor. at T road w., in root of small maple tree; copper B. M. nail	1116.67
Clark P. O., 2.5 mi. s. of, w. side of Coshocton and Millersburg rd., n. e. cor. of yard on property line, res. of D. C. Miley; **iron post** stamped "1127"	**1126.571**
Clark P. O., 2.9 mi. s. of, T road s. w. at Flemings' store. n. w. cor. of roads, at foot of telephone pole, in top of stone; chiseled square	1135.93
Clark P. O., 3.6 mi. s. e. of, at center of road forks, T road n., in bottom of mail box post; spike	1145.59
Clark P. O., 4.5 mi. s. e. of, 1.3 mi. n. w. of Mound, T road s. w., 25 ft. s. of center of road forks, in top of w. end of plank drain; copper B. M. nail	1023.79
Mound, n. e. corner of crossroads, 25 ft. s. w. of w. end of steel bridge over Mill Creek; **iron post** stamped "817"	**816.897**
Mound, 1.0 mi. s. of, T road w., e. side of road, in top of stone; chiseled sq.	841.89
Mound, 1.4 mi. s. of, T rd. w., in center of rds, in top of stone; chiseled sq.	858.83
Mound, 2.0 mi. s. of, 90 ft. e. of road forks, in top of s. wing of w. abutment of steel bridge over Mill Creek; chiseled square	797.31

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	Feet
Mound, 2.5 mi. s. of, s. e. corner of road forks, 25 ft. n. of large maple tree, 60 ft. n. e. of small steel brg. over Little Mill Creek; **iron post** stamped "805"	**805.366**
Mound, 2.0 mi. south by 1.0 mi. s. e. of, 90 ft. s. of road forks (T road e.), in stone at small culvert, at e. end of; chiseled square	837.68
Keene, 0.6 mi. e. of, n. w. cor. of +rds., in top of stone; chiseled square	891.65
Keene, 0 8 mi. s. e. of, w. side of road, at road forks, T road n. e., in top of rock outcrop; chiseled square	828.08
Keene, 1.1 mi. s. e. of, at s. w. cor. of T rd. w., in top of stone; chiseled sq.	782.34
Keene, 1.6 miles s. e. of, n. side of road forks, T road s., inside of fence line, 50 ft. n. of center of road forks; **iron post** stamped "770"	**769.687**
Canal Lewisville, 2.0 miles n. of, n. e. corner at T road e., in top of stone; chiseled square	782.43
Canal Lewisville, 0.5 mi. n. of, 300 ft. s. of road forks, T rd. n. e., on w. side of road near house, in top of watering trough; copper B. M. nail	801.75
Canal Lewisville, 175 ft. s. of crossroads, in e. wing of w. abutment of steel highway bridge over canal; **aluminum tablet** stamped "774"	**774.255**
Canal Lewisville, 0.5 mi. s. of, s. w. cor. at T road n. w., in top of fence post; copper B. M. nail	754.23
Coshocton, 0.6 mi. west by 0.3 mi. n. of, at n. w. corner at T road n. w., in top of stone; chiseled square	745.67

Covington Quadrangle

Versailles n. e. along C. C. C. & St. L. Ry. to point 1.5 mi. e. of Russia

Versailles, at w. edge of town, at s. w. cor. of Big Four R. R. bridge over Indian Creek, in back wall; **aluminum tablet** stamped "969 ADJ 1905"	**968.659**
Versailles, at n. w. corner of towerhouse, at intersection of Big Four and Cincinnati, Hamilton and Dayton Railroad, inside painted ring on concrete base of bell crank of interlock switch; chiseled sq. painted "980.66	980.46
Versailles, 3.0 mi. e. of, 40 ft. s. of ry. and 25 ft. w. of public road, near ry. +ing, at Darke-Shelby county line, on right-of-way; **iron post** stamped "978"	**977.917**
Russia, 1.5 mi. e. of, at ry. +ing, in s. w. cor. of schoolyard at Huffman schoolhouse, 60 ft. n. of ry. and 25 ft. e. of road; **iron post** stamped "969"	**969.204**
Russia, 1.5 mi. e. of, at Huffman schoolh., on w. end of stone drain, 10 ft. n. of ry. +ing; paint mark	968.93

Versailles along C. H. & D. Ry. to Covington, thence via P. C. C. & St. L. Ry. to Piqua

Bloomer P. O. 25 ft. e. of road, 20 ft. n. of ry., near +ing, at s. w. corner of yard of res. of W. W. Sands, on right-of-way; **iron post** stamped "1021"	**1021.042**
Abe station, at s. end of plank at ry. +ing; top of w. rail, painted "975.83"	975.6
Abe station, 0.5 mile s. e. of, at railroad crossing, 10 ft. w. of railroad, 25 ft. n. of public highway; **iron post** stamped "965"	**964.385**
Covington, in public schoolyard, on cor. of Pearl and Maple Sts., 15 ft. s. of w. entrance to school building; **iron post** stamped "933"	**932.755**
Covington, 3.0 miles e. of, 30 ft. n. of railroad at crossing, 30 ft. w. of public highway, on right-of-way; **iron post** stamped "972"	**971.807**

Bloomer P. O. n. along rd. to county line, thence e. to Lockington

Bloomer, 0.6 mi. n. by 3.0 mi. e. of, at n. e. cor. of +rds.; **iron post** stamped "981"	**980.863**

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	Feet
Bloomer, 0.6 mile n. by 6.0 miles e. of, 25 ft. n. of e.-w. road, at T road s., in s. e. corner of field; **iron post** stamped "984"	**983.729**
Lockington, 0.5 mi. s. by 1.0 mi. w. of, at s. w. corner of crossroads, on large rock, inside of painted ring; chiseled square painted "910.58"	910.26

Covington west along Pennsylvania Railroad to Bradford

Bradford, 50 ft. w. of telegraph office, 25 ft. n. of railroad track of the Logansport division, in railroad yard; **iron post** stamped "992"	**991.849**

Bradford south along highway to Laura

Bradford, 2.5 mi. s. of, s. w. cor. of Newberry twp., in s. w. cor. of yard of schoolhouse No. 14; **iron post** stamped "982"	**981.703**
Painter Creek, 2.0 miles e. by 1.0 mile n. of, at n. w. corner of crossroads, 50 ft. e. of residence of J. E. Hollacher, s. w. edge of sec. 16, T. 8 N., R. 4 E.; **iron post** stamped "996"	**996.089**
Painter Creek, 2.0 mi. e. by 1.0 mi. s. of, at n. w. cor. of T road n., center of s. w. quarter of sec. 28, T. 8 N., R. 4 E.; **iron post** stamped "1005"	**1005.416**

Covington s. along C. H. & D. Ry. to Ludlow Falls

Covington, 2.5 miles s. of, near railroad crossing, 20 ft. e. of public highway, 30 ft. s. of railroad; **iron post** stamped "925"	**924.541**
Pleasant Hill, in front of station; top of e. rail	907.4
Pleasant Hill, 1.0 mile s. of, at railroad crossing, 20 ft. w. of railroad, 30 ft. s. of highway, on right-of-way; **iron post** stamped "880"	**879.794**

Covington s. e. 4.5 mi. along Troy pike, thence s. to Fenner pike, thence e. to point 3.5 mi. w. of Troy

Covington, 4.0 miles s. e. of, on n. side of diagonal road at T road w.; **iron post** stamped "958"	**958.094**
Pleasant Hill, 3.0 miles e. by 0.5 mile s. of, at s. e. corner of crossroads; **iron post** stamped "947"	**946.588**

Crestline Quadrangle

At Mansfield

Mansfield, Park Ave., crossing of Penn. R. R. bridge No. 153, retaining wall, n. end of, e. face; **aluminum tablet** stamped "1149"	**1150.391**

Mansfield n. along highways to point 2.5 mi. s. of Greenwich

Mansfield, 4.5 mi. n. of, on top of concrete wall at s. e. cor. of crossroads; square cut (Elevation doubtful)	1281.75
Mansfield, 4.5 miles n. by 1 mile w. of, n. e. corner of T road n.; copper B. M. nail in telephone pole (Elevation doubtful)	1267.96
Greenwich, 6 mi. s. of, in n. w. cor. of +roads; **iron post** stamped "1108"	**1108.886**

Note—The 1916 line value 1107.924 ft., determined by Archer from Greenwich, is checked by secondary releveling and by McNulta's line and if correct and this bench mark has not been disturbed, it furnishes approximate 1 foot correction to add to values s. and w. including Stewards Pay Station, Crestline and point s. of Shiloh and leaves several exterior lines from these points in error. No reliable readjustment can yet be made. (Nov. 23, 1916.)

Greenwich, 3.5 mi. s. of, on stone steps of entrance to schoolhouse; square cut (Elevation may be one foot too low)	1151.18

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	Feet
Greenwich, 2.5 mi. s. of, in s. e. cor. of crossroads, 15 ft. n. of n. w. cor. of U. B. Church; **iron post** stamped "1130"	**1129.944**

Mansfield west along electric railroad to Crestline

Mansfield, e. side of park, on curbstone opposite courthouse; square cut	1237.33
Mansfield, e. side of station; copper B. M. nail in telephone pole	1159.31
Mansfield, 2.5 mi. w. of, n. w. cor. of T rd. n.; sq. cut on top of large stone	1230.23
Mansfield, 2.5 miles n. w. of, in n. e. corner of crossing, 200 ft. s. of Roseland schoolhouse; **iron post** stamped "1287"	**1286.596**
Mansfield, 5 miles w. of, at Stewards pay station on Central Ohio Electric R. R.; copper B. M. nail in station platform	1387.39
Crestline, 7.5 mi. e. of, at stop 107, in floor of platform at sta.; copper B. M. nail	1421.30
Crestline, 7 mi. e. of, in n. e. cor. of railroad + ing; **iron post** stamped "1400 Ohio"	**1400.377**
Crestline, 4.5 mi. e. of, cen. of rd. + ing at Shelby rd. sta.; top of n. rail	1315.17
Crestline, 3.5 mi. e. of, in s. e. cor. of + ing; **iron post** stamped "1264 Ohio"	**1264.239**
Crestline, 1.5 mi. e. of, opposite schoolhouse (Sandusky township sub-district No. 2); spike in telephone pole	1185.21

Point 4 mi. s. w. of Greenwich s. w. along C. C. C. & St. L. Ry. to Crestline

Greenwich, 4 miles s. w. of, n. w. corner of crossing; spike in side of + ing sign	1065.69
Shiloh, n. e. cor. of Main Street and + ing of railroad; **iron post** stamped "1084"	**1084.157**
Shiloh, 3 miles s. w. of, n. w. corner of road crossing; **iron post** stamped "1064"	**1063.704**
Shelby, n. e. cor. of + ing of Main St. and ry.; **iron post** stamped "1103 Ohio"	**1103.251**
Vernon Junction, e. of railroad, on n. side of e.-w. road, near telephone pole; **iron post** stamped "1125 Ohio"	**1124.600**
Crestline, 4 mi. n. e. of, s. e. cor. of + ing; copper B. M. nail in top of fence post	1147.08
Crestline, 3 miles n. e. of, n. w. corner of crossing, at T rd. s. w.; copper B. M. nail in top of fence post	1142.92
Crestline, 2.5 miles n. e. of, s. e. corner of crossing; spike in telephone pole	1144.59
Crestline, 1.0 mi. n. of, w. side of ry., cen. of two + rds.; spike in signpost	1148.04
Crestline, n. w. corner of Bucyrus and Thomas Streets, opposite city hall; **iron post** stamped "1161 Ohio"	**1160.486**

Point near Tiro n. along highway 4 miles, thence e. to Plymouth

Tiro, 1.5 mi. s. e. of, at milepost C79, n. e. cor. of overhead + ing; **iron post** stamped "1137"	**1136.722**
Dekalb, 2 mi. n. e. of, n. e. corner of T road w. and private road e.; chiseled square on top of large boulder, marked "1116.5"	1116.19
Dekalb, 3 miles n. e. of, on e. side of old State road, 100 ft. s. of mailbox in front of W.H.Pettit's res.; chiseled sq. on top of large bowlder, marked "1117.0"	1116.63
Tiro, 3.25 miles n. e. of, on old Columbus and Portland State road, n. e. corner of crossroads; **iron post** stamped "1063"	**1063.098**
Tiro, 4.3 mi. n. e. of, s. e. corner of crossroads, on stone at base of stone fence post; chiseled square marked "1042.9"	1042.47
Plymouth, 2.25 mi. w. by 1.7 mi. s. of, n. e. corner of T road e., on sandstone rock 2 ft. square; chiseled square marked "1007.2"	1006.72

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	Feet
Plymouth, 2.25 mi. w. by 1 mi. s. of, Columbus-Portland State road, n. e. corner of crossroads; **iron post** stamped "1007"	**1006.778**
Plymouth, 2.25 mi. w. of, n. w. corner of crossing, on n. abutment, w. wall of small iron bridge, 25 ft. s. of railroad; chiseled square marked "958.6"	958.08
Plymouth, 1.5 mi. w. of, at rd. +ing, 25 ft. s. of ry. track; **square cut** on bridge	**973.519**
Plymouth s. and e. along road to Big Four Ry., 3 mi. n. of Shelby	
Plymouth, s. e. corner of railroad crossing; **iron post** stamped "1012 Ohio" (McNulta line, elevation doubtful)	**1012 512**
Point near Crestline to point near Galion	
Crestline, 1.25 mi. s. w. of, n. e. corner of crossing; copper B. M. nail	1176.98
Stewards pay station on C. O. Elec. Ry., n. along road 7 mi., thence e. to point 2.2 mi. s. of Rome (leveled twice)	
Stewards pay station, 0.2 mi. n. of, at e. cen. of s. e. quarter of sec. 11, just s. of +rds.; painted spike head in n. w. cor. of small bridge, marked "1373.8"	1373.84
Stewards pay station, 0.7 mi. n. of, near e. center of sec. 11; chiseled square cut in top of n. w. corner of concrete culvert, marked "1334.8"	1334.81
Stewards pay station, 1.1 mi. n. of, near s. e. cor. of sec. 2, 0.1 mi. n. of schoolh.; chiseled sq. on s. w. cor. of brg.; top stone of retaining wall, marked "1280.3"	1280.35
Stewards pay station, 1.8 mi. n. of, at w. cen. of n. w. quar. of sec. 1, in s. e. cor. of +rds.; chiseled square on top s. end of iron pipe drain under rd. to e., marked "1223.1"	1223.20
Spring Mill station, 0.4 mi. w. of, on w. side of n.-s. rd., at s. e. cor. of sec. 35, oppo. T rd. e.; copper B. M. nail in top of stump on top bank, marked "1206.2"	1206.27
Spring Mill sta., 0.8 mi. n. w. of; top of n. rail of B. & O. R. R. +ing, mkd. "1193.2"	1193.3
Spring Mill station, 1 mi. n. by 0.6 mi w. of, near s. cen. of sec. 26, on w. side of n.-s. rd. at T rd. e.; copper B. M. nail in top of stake in ground at foot of telephone pole, marked "1203.4"	1203.49
Spring Mill station, 2 mi. n. by 1 mi. w. of, at s. cen. of s. w. quar. of sec. 23, in n. e. corner of crossroads, at fence cor.; **iron post** stamped "1209"	**1209.063**
Spring Mill station, 3.3 mi. n. by 0.6 mi. w. of, 0.1 mi. e. of s. cen. of sec. 14, in cen. of T rd. s.; chiseled sq. in top of cor. stone, marked "1196.0"	1196.01
Spring Mill station, 4.5 mi. n. by 0.5 mi. w. of, 0.25 mi. w. of s. e. cor. of sec. 11, just inside of fence, 50 ft. n. w. of cen. of +rds., 20 ft. n. of n. w. fence cor.; copper B. M. nail in root of 10-inch cherry tree, marked "1165.5"	1165.47
Spring Mill station, 5.4 mi. n. by 0.5 mi. w. of, 0.1 mi. s. by 0.25 mi. w. of n. e. cor. of sec. 11, n. e. cor. of +rds., e. side of n. rd.; chiseled square on top of s. end of concrete culvert, marked "1111.5"	1111.46
Shelby, 3.8 miles e. of, near n. w. corner of sec. 12, in s. e. corner of +rds., at fence line; **iron post** stamped "1119"	**1118.992**
Shelby, 5 mi. e. of, near e. cen. of sec. 1, jog in e.-w. rd. n. on twp. line, n. w. cor. of rd. forks s., at fence line; chiseled sq. on stone, marked "1098.01"	1098.06
Ganges, 1 mi. s. e. of, 0.25 mi. e. of center of sec. 6, in s. e. cor. of +roads, at fence corner; chiseled square cut in top of stone, marked "1096.8"	1096.80
Vernon Junction e. along highway to point 1. 5 mi. n. by 1 mi. e. of and thence n. to point 1 mile n. of Rome. (The latter part corrects partly a previous list)	
Vernon Junction, 0.5 mi. e. of, n. w. cor. of crossroads, in base of small hedge tree used as corner post of fence; copper B. M. nail, marked "1130.5"	1130.46

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	Feet
Shelby, 2.5 mi. s. of, 1.25 mi. e. of Vernon Jc., s. w. cor. of T rd. w., top of w. end of concrete end to tile drain under rd. s.; painted sq. marked "1121.6"	1121.64
Shelby, 3 mi. s. of, on w. side of n.-s. road at road forks e., at foot of brace to cor. fence post; chiseled square on top of large stone, marked "1137.8"	1137.82
Shelby, 3 mi. s. by 0.4 mi. e. of, e. of branch of Black Fork, 40 ft. s. w. cen. of +rds.; copper B. M. nail in root of 2-ft. maple tree, marked "1130.6"	1130.64
Shelby, 1.5 mi. s. e. by 1.8 mi. s. of, at s. center of s. w. quarter of sec. 21, Jackson Twp. on s. side of e.-w. road at T road n.; copper B. M. nail in top of stake in ground at foot of telephone pole, marked "1137.2"	1137.27
Shelby, about 2.5 mi. s. e. by 1 mi. s. of, cen. of crossroads; chiseled square on top of cor. stone to secs. 21, 22, 27, and 28, Jackson Twp., marked "1160.7"	1160.69
Shelby, 3.5 miles s. e. of, on diagonal road from Shelby to Spring Mill, near s. center of sec. 22, Jackson Twp. in center of e.-w. road, 30 ft. e. of center of crossroads; chiseled square cut in top of stone, marked "1187.6"	1187.64
Amo, 1.1 mi. n. w. by 1.75 mi. w. of, n. cen. of n. e. quarter of sec. 26, in s. e. cor. of +roads; chiseled square on top of stone, marked "1226.7"	1226.72
Amo, 1.1 miles n. w. by 1 mile w. of, just w. of ½ section line in front of house on n. side of road; chiseled square on top of e. stone abutment of s. wing wall of bridge over stream, marked "1207.6"	1207.68
Amo, 1.1 mi. n. w. by 0.5 mi. w. of, in cen. of road, s. e. cor. of sec. 24, twp. line; chiseled square cut in top of cor. stone, marked "1208.5"	1208.53
Amo, 1.1 mi. n. w. of, on new State road, in n. e. cor. of +rds.; top of w. corner of s. end of concrete walk leading to house, marked "1217.3"	1217.34
Amo, 1 mi. n. of, private road to e., in s. w. corner of T road w., on w. side of road to s.; chiseled square in top of bowlder, marked "1229.0"	1229.10
Amo, 1.5 miles n. of, in s. w. corner of crossroads, inside of fence corner; copper B. M. nail in root of 10-inch elm tree, marked "1191.9"	1191.95
Amo, 1 mi. e. by 1.5 mi. n. of, in n. e. cor. of +rds.; **Iron post** stamped "1162"	**1162.760**
Amo, 1 mi. e. by 2 miles n. of, in center of T road s., corner of secs. 16, 17, 20, and 21, Franklin twp.; chiseled sq. in top of cor. stone, marked "1146"	1146.77
Rome (Rives), 4 miles s. of, near e. center of n. e. quarter of sec. 17, Franklin twp., T road e. in n. e. corner of road forks; copper B. M. nail in top of corner fence post, marked "1110"	1110.76
Rome (Rives), 3 miles s. of, e. center of sec. 8, Franklin twp., in n. w. corner of +roads; copper B. M. nail in base of teleph. pole, marked "1102"	1103 00
Rome (Rives), 2.2 miles s. of, e. center of sec. 5, Franklin twp., on e. side of n.-s. road, at road w.; **Iron post** stamped "1060"	**1060.757**
Rome (Rives), 1.7 miles s. of, in n. w. corner of sec. 4, Franklin twp.; in s. e. corner of road forks, T road s. e.; copper B. M. nail in top of corner fence post, marked "1042"	1043.07
Rome (Rives), n. e. corner of crossroads at; chiseled square on top of stone near telephone pole, marked "1107"	1108.61

Near Ganges n. and e. to point 1 mi. n. of Rome (Rives)

Ganges, near cen. of sec. 31, in cen. of town, in grass plot in cen. of rds. at T road east, at foot of bird house pole; chiseled square on top of concrete base, marked "1085.9"	1085.95
Ganges, n. edge of town, n. e. stone wing wall of bridge over Black Fork Creek; chiseled square in top of n. end, marked "1044.5"	1044.47
Ganges, 0.9 mile n. w. of, at T road n. on township line between Cass and Blooming Grove Twps., on w. side of rd., inside of fence line; copper B. M. nail in root on n. side of 8-inch cherry tree, marked "1066.5"	1066.54

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	Feet
Ganges, 0.9 mile n. w. by 1.1 miles n. of, center of road forks e.; chiseled square on top of stone, marked "1070.7"	1070.71
Ganges, 0.9 mi. n. w. by 1.6 mi. n. of, e. cen. of sec. 24, at T rd. s., on n. side of rd., 25 ft. w. of private rd. n., ft. of mail box post; **iron post** stamped "1070"	**1069.766**
Rome (Rives), 1.5 mi. n. w. of, on Rome-Shiloh rd., 75 ft. s. of rd. forks w.; chiseled sq. on top of stone abut. at n. w. cor. of brg., marked "1093.7"	1093.76
Rome (Rives), 1.4 miles n. w. of, on Rome-Shiloh road, in s. e. cor. of road forks e.; copper B. M. nail in root of 30-in. oak tree, marked "1121.9"	1121.87
Rome (Rives), 1 mi. n. of, in n. w. cor. of +rds.; **iron post** stamped "1108"	**1108.886**
Mansfield n. along highway 3 mi. (releveled twice over old line)	
Mansfield, 100 ft. n. of ry. +ing; **chiseled square** on retaining wall on s. w. corner of bridge 153	**1151.150**
Mansfield, first rivet head on n. end of e. side of bridge 154 on Penn. R. R.	1151 57
Mansfield, 1.8 mi. n. of, chiseled square on s. end of w. side of stone arch culv.	1155.75
Mansfield, 3.4 miles n. of, at s. w. cor. of T rd. w.; **iron post** stamped "1279"	**1278.564**
Plymouth w. along Northern Ohio Ry. to North Auburn	
Plymouth, 3.4 mi. w. of, n. w. cor. of private rd. +ing; spike in base of fence post, marked "960.2"	959.69
North Auburn, 2.6 mi. n. e. of, 400 ft. n. of +roads at Basswood Church and schoolh., s. e. cor. of rd. +ing; spike in base of teleph. pole, marked "956.8"	956.28

Cumberland Quadrangle

Sundale along B. & O Ry. to Cassell Sta. (precise line)	
New Concord, 60 ft. n. of station; **iron post** stamped "843"	**843.243**
New Concord, in front of station; top of rail	844.9
New Concord, 2.7 miles e. of, 50 ft. s. of track, in fence corner; **iron post** stamped "815"	**814.885**
Cambridge south to Belle Valley	
Cambridge, 1.1 mi. s. of, spike in base of milepost "C. D. 46"	798.97
Cambridge, 2.1 mi. s. of, spike in base of milepost "C. D. 47"	800.16
Cambridge, 3.1 mi. s. of, spike in base of milepost "C. D. 48"	796.14
Cambridge, 3.5 miles s. of, in foundation of railroad water tank at scale house; **aluminum tablet** stamped "803"	**802.680**
Cambridge, 4.1 mi. s. of, spike in base of milepost "C. D. 49"	802.03
Byesville, 900 ft. n. of station, spike in base of milepost "C. D. 50"	806.40
Byesville, in front of station; top of rail	807.8
Byesville, in s. e. corner front face of Burt Block, 100 ft. w. of railroad; **aluminum tablet** stamped "813"	**813.302**
Byesville, 1.9 mi. s. of, spike in base of milepost "C. D. 52"	799.16
Byesville, 3 mi. s. of, spike in base of milepost "C. D. 53"	801.01
Derwent, in front of station; top of rail	802.7
Derwent, 0.3 mi. s. of, spike in base of milepost "C. D. 54"	800.76
Pleasant City, n. e. corner of Penna. Ry. sta.; **aluminum tablet** stamped "809"	**808.414**
Pleasant City, in front of station; top of rail	804.2

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Pleasant City, 0.9 mi. s. of, spike in base of milepost "C. D. 56"	811.90
Pleasant City, 1.9 mi. s. of, spike in base of mi. post "C. D. 57" marked "814.2"	813.99
Glenwood, 0.22 mi. s. of, C. & M. B. M. at milepost "C. D. 58", e. side; iron pin, painted "849.6"	849.57
Ava, 0.59 mi. n. of, w. of track, in top of culv.; **aluminum tablet** stamped "809"	**808.565**
Ava, 0.9 mi. s. of, spike in milepost "C. D. 61"; painted "769.3"	769.02
Coal Ridge, 0.28 mi. n. of, spike in base of teleph. pole, w. side of C. & M. track, 30 ft. s. of highway, painted "757.3,,	757.06
Belle Valley sta., spike in s. e. cor. of platform of painted "743.910"	743.44

Freeland s. e. along O. R. & W. Ry. to Belle Valley

Spratt sta., 1 mi. w. of, spike in base of support beam at s. e cor. of tunnel	1018.27
Spratt station, 0.3 mile e. of, in s. face of s. w. corner of Spratt's milk house, 50 ft. n. of highway; **aluminum tablet** stamped "941—1908"	**940.448**
St. Clair siding, spike in s. e. corner of platform	863.43
Cumberland, 2 mi. w. of, spike in teleg. pole at n. w. cor. of rd. +ing	856.80
Cumberland, 0.5 mile w. of, 90 ft. s. of railroad, on n. w. corner of n. w. wing wall of road bridge; chiseled mark	837.43
Cumberland, in top foundation stone of flying buttress, center of s. side of First Presbyterian Church; **aluminum tablet** stamped "862—1908"	**862.039**
Hunter station, 50 ft. w. of road - ing, 20 ft. n. of ry. track; spike in base of telegraph pole, marked "1024.5"	1024.14
Hunter sta., 1 mi. s. e. of, spike in s. w. cor. of - ing planks between rails, marked "891.3"	890.94
Hiramsburg, 70 ft. n. of station, in s. face of s. e. corner of G. A. McClure's dwelling, 1.9 ft. above ground; **aluminum tablet** stamped "967—1908"	**966.484**
Belle Valley, 0.5 mi. w. of, spike in base of cor. fence post at s. e. cor. of railway rd. crossing at mines; marked "747.3"	746.87
Belle Valley, spike in s. e. cor. of Penna. Ry. sta. platform; marked "743.9"	743.44
Belle Valley, 1,500 ft. s. of sta., in brg. seat at s. e. cor. of Pennsylvania R. R. bridge over Duck Creek; **aluminum tablet** stamped "739—1908"	**738.546**

New Concord south via Claysville to Spratt

New Concord, 60 ft. n. of station, in concrete street crossing about 3 inches above ground; **iron post** stamped "843"	**843.243**
New Concord, 1.5 mi. s. e. of, chiseled square on rock n. side of public road; painted "976.9"	976.88
New Concord, 2.75 mi. s. e. of, 1,000 ft. n. of J. Keck's res., in w. abut. s. side of covered bridge over Crooked Creek; **aluminum tablet** stamped "831"	**831.116**
New Concord, 4.09 mi. s. e. of, chiseled square on stone ledge 5 ft. w. of cen. of road at T road w.; painted "1084.03"	1083.98
New Concord, 4.6 miles s. e. of, 15 ft. e. of public road at the residence of Harley Watson, on concrete walk; chiseled square painted "1128.47"	1128.41
Claysville, 0.87 mile w. of, 150 ft. s. of public road, in n. w. corner of foundation of res. of E. E. and J. J. Kelley; **aluminum tablet** stamped "1022"	**1021.471**
Rix Mills, 1.49 mi. e. of, chiseled sq. on rock w. side of rd., 100 ft. e. of T rd. n.; marked "1118.6"	1118.52
Rix Mills, 0.9 mi. e. of, 10 ft. from center of road, chiseled square on rock ledge on n. side of road; painted "1132.6"	1132.56
Rix Mills, 0.5 mile s. of, 150 ft. e. of T road, in s. e. corner of foundation to residence of B. W. St. Clair; **aluminum tablet** stamped "1113"	**1113.117**

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	Feet
Spratt, 3.57 mi. n. w. of, 100 ft. n. of Y road; chiseled square on stone step at entrance of Rich Hill Church, painted "1092.8" (On Philo Quad.)	1092.77
Spratt, 2.34 miles n. w. of, 700 ft. s. of H. Tonis' residence, in concrete step at entrance of Rich Hill high school; **aluminum tablet** stamped "1088"	**1087.910**

Point 1.5 mi. e. of Renrock west to Rowland

Renrock, 1.5 mi. e. of, on rock ledge, n. side of rd.; chiseled sq. marked "1044.98"	1045.00
Renrock postoffice, 250 ft. s. of T rd., 15 ft. e. of public rd., in n. w. cor. of foundation to Silas Thorlas' residence; **aluminum tablet** stamped "793"	**793.436**
Renrock, 1.24 mi. w. of, 100 ft. s. of Dickerson's residence, 7 ft. from cen. of rd., on large rock on w. side of rd.; chiseled square marked "909.9"	909.93
Renrock, 2.24 mi. w. of, 150 ft. w. of T road, chiseled square on sandstone ledge on e. side of road; painted "1042.06"	1042.10
Knight, 150 ft. s. of Grove Church, at s. e. corner of crossroads, on rock at end of culvert; chiseled square painted "1014.51"	1014.53
Knight, 0.5 mile w. of, 10 ft. from center of road, 0.05 mile e. of T road, in root of oak tree; spike painted "1064.16"	1064.19
Knight, 1.22 mi. w. of Grove Church, 75 ft. s. of rd. leading from Knight to Young Hickory in n. e. corner of founda. to res. of J. C. Wilson; **aluminum tablet** stamped "1091"	**1091.515**
Young Hickory, (Lisleburg) 580 ft. w. of church, 50 ft. e. of Marietta and Cumberland rd., on stone in cen. of T rd.; chiseled square painted "1070.68"	1070.71
Young Hickory, (Lisleburg), 0.91 mi. w. of, n. side of public rd., spike in root of oak tree; painted "962.26" (On Philo Quad)	962.29

Near Klondyke

Klondyke, 0.13 mile w. of, on s. side of railroad, on top of concrete culvert; chiseled square painted "804.5" (B. & O. bench mark)	804.40

Dayton Quadrangle

Dayton n. e. along Big Four Ry. to Osborn, thence north along highway to McKendree Church, thence w. to Walnut Grove schoolhouse near Grayson

Harshman, 2 miles n. e. of, at bridge No. 153, 20 ft. s. of track in stone wing wall; **aluminum tablet** stamped "790 Columbus"	**789.545**
Simms, in platform s. w. corner of station; copper B. M. nail	799.63
Osborn, in school building, in top of sill of foundation 5 ft. w. of front door; **aluminum tablet** stamped "826 Columbus 1903"	**825.971**
Medway, in n. w. cor. of, Valley pike and New Carlisle pike, at hotel building, on e. end of sill of east door; chiseled square	851.50
New Carlisle, n. side of, n. e. corner of City Hall, in sill of window; **aluminum tablet** stamped "907 Columbus 1903"	**906.651**
New Carlisle, 4 mi. n. of, 900 ft. s. e. of McKendree Church, at iron bridge over drain, on n. side of w. abut.; **aluminum tablet** stamped "955 Columbus 1903"	**955.279**

Grayson along highway w. to Grange Hall, thence s. to Dayton

Cowlesville, 2 mi. w. by 0.25 mi. s. of, crossroads at Grange Hall, e. side of road, first house s. of crossroads, in w. face of foundation of large barn; **aluminum tablet** stamped "902 Columbus 1903"	**902.064**
Ginghamsburg, 1.5 mi. s. by 1.5 mi. w. of, at Anderson's schoolhouse, Butler twp., in face of front door sill; **aluminum tablet** stamped "998 Columbus 1903"	**998.379**

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	Feet
Spanker, 2 mi. s. e. of, Eagle Ford bridge, n. of Shiloh Church, in w. end of n. abutment; **aluminum tablet** stamped "772 Columbus"	771.752
Dayton, on s. w. corner of first granite step of Soldiers' Monument, City Engineer's B. M., (former city elevation—26.44)	748.57
Dayton, Miami River, Main Street bridge, s. e. corner of, in top of parapet wall; **aluminum tablet** stamped "755 Columbus 1903"	754.565
At Tippecanoe	
Tippecanoe, in e. side of school building, n. of front door, in foundation; **aluminum tablet** stamped "845 Columbus 1903"	845.397
Picayune Lock, 2.5 miles s. of Tippecanoe, e. to West Charleston, thence s. and w. to point 2.4 miles s. of Tadmor	
West Charleston, in sill of foundation of school, w. face, n. w. corner; **aluminum tablet** stamped "967 Columbus 1903"	966.562
Phoneton, 2.25 miles s. of, 0.33 mile s. of Wayne Chapel, w. side of road, in s. face of s. e. corner of foundation of residence of David Orm; **aluminum tablet** stamped "958 Columbus 1903"	958.259
Taylorsburg, canal bridge, s. w. corner of w. abutment, on coping stone; large chiseled cross	796.70
Osborn northeast along Big Four Railroad to Enon station	
Osborn, 1 mi. n. e. of, Mad River township, at road crossing, n. e. corner of iron bridge over creek, top of abutment stone; chiseled cross	831.97
Troy s. along C. H. & D. Ry. to Dayton (precise line)	
Troy, 2.5 mi. s. of, 70 ft. below lock, s. w. quar. of masonry of feeder lock, n. w. corner of sixth step from top; **chiseled square** (C. & G. S. B. M. 82)	812.835
Tippecanoe City, on Miami & Erie Canal, e. side of Tippecanoe Lock, s. end, on cen. coping stone of wing; **chiseled square** (C. & G. S. B. M. T2)	806.931
Tippecanoe City, n. side of Main Street, on first building e. of canal, power house of Tippecanoe Electric Light & Water Co., s. e. cor., s. face, on water table, 5 in. below brick work and 7 in. n. of cor.; **brass bolt** marked with a horizontal line (C. & G. S. B. M. U2)	801.210
Tippecanoe City, 2.5 mi. below, Picayune Lock, on Miami & Erie Canal, e. jaw, on coping stone, 12 ft. s. of s. king-pots and 6 in. e. of edge of wall; **chiseled square** (C. & G. S. B. M. V2)	797.227
Tadmor, on Miami & Erie Canal, e. abutment of steel bowstring girder bridge over canal, n. w. cor. on n. face, 1 ft. e. of cor. and 3.5 ft. above ground; **brass bolt** marked with a horizontal line (C. & G. S. B. M. W2)	791.027
Tadmor, 2.4 mi. below on C. H. & D. Ry., on brg. 8 over Poplar Creek, w. side of n. abut., first step below brg. seat, 5 inches e. of w. face of stone and 7 inches n. of s. face; **chiseled square** (C. & G. S. B. M. X2)	773.414
Dayton, about 1 mi. n. of city limits, on C. H. & D. Ry., on n. abutment of bridge over Miami River, w. side of abutment, 6 inches s. of n. edge and 17 inches e. of w. edge; **chiseled square** (C. & G. S. B. M. Y2)	754.670
Dayton, n. w. cor. of Main and Sixth Streets (city workhouse); point of pyramidal top of stone **fence post** 3.5 ft. above side walk (C. & G. S. B. M. Dayton City)	743.732
Near Staffords Corners	
New Carlisle, 4.2 mi. n. w. of, at Staffords Corners on old Troy and Springfield Pike, 1 mi. s. by 1.75 mi. e. of Alcony, in root of elm tree at n. w. cor. of +roads; **nail**	982.326

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	Feet
North Hampton, 1 mi. s. by 4.7 mi. w. of, on n. end of w. abut. of iron brg.; chiseled square	978.41
North Hampton, 1 mi. s. by 3.9 mi. w. of, on top of stone at e. end of sewer, at crossroads; chiseled square	1021.33

Defiance Quadrangle

Defiance s. e. along rd. to point 5 mi. s. of Florida (portion of line)

Defiance, 1.09 mi. s. e. of, in telegraph pole at forks of rd.; spike marked "714"	713.63
Defiance, 1.89 mi. s. e. of, in telephone pole at forks of road, s. of railroad crossing; nail marked "715"	714.89
Defiance, 3.04 mi. s. e. of, in teleph. pole, n. w. cor. of +rds.; spike marked "714"	714.41
Defiance, 3.72 mi. s. e. of, in fence post at forks of road; nail marked "721"	721.05
Defiance, 4.33 miles southeast of, in southwest corner of foundation of George Becker's residence; **aluminum tablet** stamped "726"	**726.073**
Defiance, 5.10 mi. s. e. of, in teleph. pole e. side forks of rd.; nail marked "749"	748.74

Defiance w. along highway 4.9 mi., thence n. to point 2 mi. s. by 1 mi. w. of Stryker, thence e. and s. to point 10 mi. n. of Defiance

Defiance, 1.71 mi. w. of, on s. e. abut. of brg.; chiseled square marked "681"	681.02
Defiance, 1.5 miles w. of, on northwest abutment of iron bridge over Tiffin River; **aluminum tablet** stamped "681"	**681.064**
Defiance, 2.13 mi. w. of, in fence, s. e. corner of +roads; nail marked "702"	701.71
Defiance, 3.51 mi. w. of, in post at n. w. forks of road; nail marked "708"	707.56
Defiance, 4 mi. w. of, 125 ft. n. of rd. forks, top of wood culv.; nail marked "703"	702.62
Defiance, 4 miles west by 0.61 mile north of, 150 feet s. of road e., schoolhouse on east side of road; **aluminum tablet** stamped "715"	**715.365**
Defiance, 4 mi. w. by 0.86 mi. n. of, in culv. at n. side of rds.; nail marked "712"	711.68
Defiance 4 mi. w. by 1.90 mi. n. of, in fence post at n. e. corner crossroads; nail marked "711"	710.94
Defiance, 4 mi. w. by 2.93 mi. n. of, in post; nail marked "705"	705.03
Defiance, 4 miles west by 4.8 miles north of, northwest abutment of bridge over Mud Creek; **aluminum tablet** stamped "683"	**683.333**
Defiance, 4 mi. w. by 6.25 mi. n. of, in telephone post, w. side forks of road; nail marked "691"	690.79
Defiance, 4 mi. w. by 7 mi. n. of, in post; nail marked "702"	701.99
Defiance, 4 mi. w. by 7.24 mi. n. of, in root of tree at n. w. corner of crossroads; nail marked "705"	704.73
Defiance, 4 miles west by 7.24 miles north of, on west side forks of road, schoolhouse; **aluminum tablet** stamped "709"	**709.310**
Defiance, 4 mi. w. by 9.34 mi. n. of, s. e. cor. of crossroads, schoolhouse, near front entrance; **aluminum tablet** stamped "712"	**712.176**
Defiance, 4 mi. w. by 9.85 mi. n. of, in culv. across rd.; nail marked "706"	705.75
Defiance, 4 mi. w. by 10.34 mi. n. of, in fence post s. e. cor. of +roads; nail marked "713"	712.93
Defiance, 4 mi. w. by 11.4 mi. n. of, in wood culv. at +rds.; nail marked "710"	710.07
Defiance, 4 mi. w. by 12.57 mi. n. of, on s. w. cor. of brdg.; nail marked "695"	695.26
Stryker, 2 miles s. by 1 mile w. of, on northwest corner of schoolhouse at northeast corner of crossroads; **aluminum tablet** stamped "716"	**715.630**

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	Feet
Defiance, 4 mi. w. by 13.9 mi. n. of, in teleph. post, n. side of rd.; nail marked "714"	713.92
Stryker, 1.5 mi. s. by 0.8 mi. w. of, in teleph. pole at forks of rd.; nail marked "715"	714.61
Stryker, 1.5 mi. s. of, in teleph. pole s. w. cor. of rd. +ing; nail marked "715"	714.98
Stryker, 1.5 mi. s. by 0.78 mi. e. of, in telephone pole, n. w. corner of road crossing; nail marked "719"	718.85
Stryker, 1.5 mi. s. by 1.6 mi. e. of, in telephone pole, n. w. corner of +roads; nail marked "721"	720.88
Stryker, 1.5 mi. s. by 2.4 mi. e. of, in box cul., s. side of +rds.; nail marked "714"	714.41
Defiance, 12.70 miles north of, northeast abutment of bridge over Brush Creek, 739 feet west of crossroads; **aluminum tablet** stamped "703"	**702.797**
Defiance, 11.89 mi. n. of, in post s. side forks of road; nail marked "711"	711.55
Defiance, 11.19 mi. n. of, in post at forks of road; spike marked "715"	715.42
Defiance, 10.63 mi. n. of, on top of brdg., 100 ft. s. of rd. forks; bolt marked "703"	703.29
Defiance, 9.62 mi. n. of, in teleg. pole, n. w. cor. of rd. +ing; spike marked "709"	709.47

Point 2.5 miles southwest of Stryker

Stryker, 2.5 miles southwest of, on fourth plank from s. end of iron bridge over Tiffin River; circle painted "T. B. M. 701.3"	701.34

Big Auglaize River n. to Defiance, thence n. along highway 10 mi., thence east to Ridgeville Corners and 2 miles e. of (precise line)

Defiance, 2.5 mi. s. w. of, bridge over Big Auglaize River, face of s. abut.; square marked "U. S. B. M. 687"	686.74
Defiance, county jail, s. w. cor.; **aluminum tablet** stamped "Prim. Trav. Sta. No. 8—692"	**691.793**
Defiance, 2.52 miles north of, at crossroads, southwest corner Kelleys schoolhouse; **aluminum tablet** stamped "713"	**713.343**
Defiance, 6.5 mi. n. of, s. e. cor. of schoolh. at +roads; **aluminum tablet** stamped "720"	**719.663**
Defiance, 8.64 mi. n. of, s. e. cor. of +rds., schoolh.; **aluminum tablet** stamped "714"	**713.764**
Evansport, 4.05 miles east of, county line road, Fred Behrman's house, front face, foundation; **aluminum tablet** stamped "734"	**734.344**
Ridgeville Corners, Hunn Bros'. store, front entrance, s. e. cor. water table; **aluminum tablet** stamped "741"	**741.152**

Delaware Quadrangle

Delaware n. along highway on e. side of river to Marlboro Church

Delaware, on slab in front of statue at courthouse; chiseled mark	895.58
Delaware, on n. w. steps of city hall; **bronze tablet** stamped "870 C"	**871.491**
Delaware, 2 mi. n. of, in stone on n. side of w. abut. of Mill bridge; **cross cut**	**877.145**
Delaware, about 3.5 mi. from, at forks of road, 150 yards n. of Steitz's res.; **cut** in stone	**909.763**
Delaware, about 3.5 mi. n. of, about 40 ft. n. w. of Panhandle schoolhouse, in n. w. corner stone of woodshed; **cross cut**	**954.238**

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	Feet
Delaware, about 7 mi. n. of, in stone about 7 inches broad on w. side of triangle formed by intersec. of Panhandle and Horseshoe pikes; **cross cut**	918.202
Delaware, 7.75 mi. n. of, in stone foundation of Marlboro Church; in vestibule under floor; **bronze tablet** stamped "925 C"	925.470

Delaware north to Troy school and return

Delaware, 5 mi. n. of, entrance to Troy school; **bronze tablet** stmpd. "942 C"	942.909

Delaware west along highway to Scioto River, thence north, east, and south to Troy schoolhouse

Delaware, 3 mi. w. of, at crossroads, in s. side of stone culvert; **cross cut**	955.563
Delaware, 4 mi. w. of, in w. side of stone entrance, Sandy Hill schoolh. **cross cut**	977.489
Delaware, 5.25 mi. w. of, in n. side of w. abutment of bridge on Marysville pike; **bronze tablet** stamped "871 C" (destroyed by 1913 flood)	871.822
Warrensburg Bridge, in n. side w. abut.; **cross cut**	877.983
Warrensburg, 1 mi. n of, at +roads, in stone at s. e. cor. of junc.; **cross cut**	885.194
Warrensburg, 3 mi. n. of, at +roads, in s. wing wall of steel bridge abut. at Mink St. +ing; **cross cut**	891.780
Warrensburg, 4 mi. n. of, at T road, 40 ft. w. of river bank, 150 yards s. of Cone's residence, in w. side of stone culvert; **cross cut**	894.714
Warrensburg, about 6 mi. n. of, at T road to Scioto River, at cov'd bridge, in stone on n. e. side of juncture; **cross cut**	896.464
Warrensburg, 8 mi. n. of, 400 yards s. of Hoskin's pike, in stone on w. side of T road w.; **cross cut**	900.405
Norton, 7 mi. w. of, at covered bridge on Hoskin's pike, in stone on s. wing of w. abut.; **cross cut**	902.100
Norton, 6 mi. w. of, at junc. of Hoskin's pike and Prospect pike, culv. 100 yds. w. of junc., in s. side of e. abut.; **cross cut**	914.631
Hoskin's Pike, 2 mi. e. of bridge on, at T road running n. and s., in e. side of s. abut. of culv. bridge; **cross cut**	920.454
Norton, 3 mi. west of, on Norton Pike, in stone entrance to Henry Worline schoolhouse; **cross cut**	944 003
Norton, 0.5 mi. w. of, at T road n., 250 yds. w. of C. S. & H. Ry., in stone in junc. of roads; **cross cut**	964.363
Norton, cen. of town, at +roads opposite Winter Mute's store, in stone 2 ft. s. of telephone pole; **cross cut**	953.090

Warrensburg west along Bokes Creek to near county line

Lybrand, 1 mi. n. of, 5 mi. n. of Ostrander, on culvert 100 yards w. of schoolhouse; **aluminum tablet** stamped "928 C"	929.107

Marlboro Church w. to Radnor, thence n. to Prospect, thence east via Waldo to Windfall Church

Radnor, 2 mi. e. of, 150 yds. w. of Darst's residence at +roads, in stone at s. e. of jc.; **cross cut**	965.381
Radnor, near top step of township hall; **bronze tablet** stamped "937 C"	938.091
Prospect, 2 mi. s. of, about 100 yds. n. of Hoskin's pike, on e. end of n. abut.; **cross cut**	914.774
Prospect, 1 mi. s. of, at T road e., on s. side of intersec. on culv.; **cross**	912.849
Prospect, in w. steps of city hall; **aluminum tablet** stamped "908 C"	909.725

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	Feet
Prospect, about 1 mi. e. of intersection of Prospect-Waldo and Delaware-Marion pikes, in large stone in junc.; **cross cut**	**933.637**
Prospect, 3.5 mi. e. of, at +roads, in stone at junc.; **cross cut**	**968.156**
Waldo, 2.5 mi. n. of, on Mud pike, at +roads, in w. side of culv. 100 yds. n. of junction; **cross cut**	**958.026**
Waldo, 2.5 mi. n. e. of, on n. end of bridge seat over Olentangy River; **bronze tablet** stamped "940 C"	**941.318**
School No. 5, Richland Tp., 400 yds. w. of, at T road s., on w. side of culv. **cross cut**	**967.215**
Windfall Church, Richland Tp., in stone slab at entrance; **cross cut**	**989.408**
Westfield, 2 mi. w. of, 75 ft. s. of E. M. Konklin's residence, in w. side of stone culvert; **cross cut**	**959.636**
Prospect, 2 mi. w. of, at T road n. in w. side of stone culv.; **cross cut**	**927.509**
Centerville, 1 mi. e. of, at +roads, on stone in juncture; **cross cut**	**945.716**

Delphos Quadrangle

Rimer via N. O. Ry. to Delphos, thence n. to Muntanna along T. St. L. & W. Ry.

Rushmore, in southeast corner of yard of Herbert Thurston, 40 feet north of railroad crossing; **iron post** stamped "760"	**759.511**
Rushmore, 1.4 mi. w. of, at ry. +ing, in cattle guard; bolt head; painted "764.59"	764.48
Rushmore, 1.9 mi. w. of, at ry. +ing, in cattle guard, n. side of ry.; bolt head painted "764.76"	764.64
Rushmore, 2.4 mi. w. of, at railroad crossing, in right-of-way, 40 feet west of road, 40 ft. north of railroad; **iron post** stamped "765"	**764.464**
Delphos, 200 ft. n. e. of carshops, 35 ft. w. of N. O. Ry. track, in base of telegraph pole; spike painted "764.0"	763.79
Delphos, 0.3 mi. n. of carshops, 10 ft. e. of T. St. L. & W. Ry., s. of wagon road, in base of telegraph pole; spike painted "765.24"	765.02
Delphos, 2.8 mi. n. of, in cattle guard at ry. +ing; spike painted "756.92"	756.67
Ft. Jennings, 0.7 mi. s. of, at railroad crossing, 30 ft. e. of crossing, on right-of-way; **iron post** stamped "755"	**754.423**
Ft. Jennings, at railroad crossing at station; top of rail painted "753.83"	753.6
Douglas station, 0.8 mi s. of, at railroad +ing, 30 ft. e. of T. St. L. & W. Ry., 30 ft. n. of rd., on right-of-way; **iron post** stamped "746"	**745.266**
Douglas, at railroad crossing at station; top of rail painted "744.52"	744.2
Muntanna station, at railroad crossing, 40 ft. w. of, 35 ft. n. of highway, on right-of-way; **iron post** stamped "729"	**728.839**
Muntanna, 1.1 mi. n. of, at n. end of ry. +ing; top of e. rail, painted "730.34"	730.0

Delphos w. 3 mi. along Penna. Ry., thence n. along highways to Roselms

Delphos, in n. e. corner of yard of towerhouse at +ing of Pennsylvania Ry. and T. St. L. and W. Railroad; **iron post** stamped "780"	**779.645**
Delphos, railroad **bench mark** (P. Ft. W. & C. Ry. levels, adjustment of 1903 gives elevation as 781.355)	**781.299**
Delphos, 3.2 mi. w. of, 30 feet west of road, 10 feet s. of railroad, on right-of-way; **iron post** stamped "777"	**776.388**
Delphos, 4 mi. w. by 1 mi. n. of, at s. e. corner of T road e., in base of telephone pole; spike painted "771.95"	771.70

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	Feet
Delphos, 4 mi. w. by 1.5 mi. n. of, in base of fence post at n. w. cor. of T rd. w.; painted "768.5" spike	768.25
Seamersville, 3.0 mi. s. of, in s. w. corner of n. e. field at crossroads; **iron post** stamped "763"	**762.836**
Seamersville, 2.5 mi. s. of, in top of fence post at T road e.; head of brass nail; painted "765.51"	765.26
Seamersville, 2 mi. s. of, at +roads, in n. w. corner of small wooden bridge; copper nail head; painted "758.91"	758.54
Seamersville, in s. w. cor. of yd. of J. Dunlap at +rds.; **iron post** stamped "745"	**745.134**
Seamersville, 1 mi. n. of, on w. end of stone culv. at +roads; paint mark, painted "736.37"	736.11
Seamersville, 2 mi. n. of, on w. side of n. abut. of small iron bridge at +rds.; paint mark, painted "735.55"	735.29
Roselms, 3.0 mi. s. of, at +rds., in s. w. cor. of yd. of Elm Grove schoolh., Subdistrict No. 1, crossroads; **iron post** stamped "733 Ohio"	**733.107**
Roselms, 2.5 mi. s. of, 50 ft. s. of T rd. e., in stump; nail head, painted "733.28"	733.02

Middlepoint w. 2 miles along Penna. R. R., thence n. to point 3 miles s. of Grover Hill along highway

Delphos, 4.2 mi. w. of, n. side of track at ry. +ing, in base of telegraph pole; spike painted "778.34"	778.09
Middlepoint, w. end of plank at ry. +ing at sta.; top of s. rail, painted "782.3".	782.0
Middlepoint, 0.5 mile w. of, at railroad +ing, on right-of-way, 50 ft. w. of road, 10 ft. s. of railroad; **iron post** stamped "785"	**784.754**
Middlepoint, 2 mi. w. of, at ry. +ing, 30 ft. w. of road, 30 ft. n. of ry., in base of fence post; spike painted "785.11"	784.83
Middlepoint, 2 mi. w. by 0.5 mi. n. of, at T road e., in base of teleph. pole; spike painted "779.89"	779.60
Van Wert county infirmary, 0.25 mile w. of, at s. e. corner of crossroads; **iron post** stamped "777 Prim. Trav. Sta. No. 11"	**777.213**
Middlepoint, 2.5 mi. w. by 5.0 mi. n. of, at n. e. cor. of +rds.; **iron post** stamped "752"	**751.575**
Wetzel, 3 mi. w. of, on e. end of s. abut. of stone culv. at +rds.; paint mark, painted "744.27"	743.93
Wetzel, 3 mi. w. by 0.5 mi. n. of, at n. e. cor. of T road e., in base of fence post; spike painted "736.14"	735.80
Wetzel, 3 mi. w. by 1 mi. n. of, in top of stump at s. w. cor. of +rds.; brass nail head, painted "743.83"	743.48
Grover Hill, 3.0 miles s. by 1.0 mile w. of, at n. e. corner of crossroads; **iron post** stamped "736"	**735.653**
Grover Hill, 3 mi. s. of, in n. w. cor. of small iron bridge at +roads; bolt head, painted "734.57"	734.21

Delphos south along C. H. & D. Ry. to Southworth

Delphos, 2.9 miles s. of, at railroad crossing, 30 ft. s. of highway and 30 ft. w. of railroad, on right-of-way; **iron post** stamped "791"	**790.414**
Southworth P. O., at n. end of plank at ry. +ing; top of e. rail painted "814.89"	814.7
Southworth postoffice, 0.4 mile s. of, at n. w. corner n. side of T road w., 50 ft. w. of canal inside of fence; **iron post** stamped "813"	**813.118**

Middlepoint s. via roads to 2.5 miles s. of Venedocia

Middlepoint, 0.5 mi. w. of, at w. end of plank at +roads, top of n. rail of electric ry.; painted "783.57"	783.3

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	Feet
Middlepoint, 0.5 mi. w. by 1.5 mi. s. of, at n. w. cor. of T road w., in base of fence post; spike	785.27
Middlepoint, 0.5 mi. w. by 2.8 mi. s. of, at n. w. cor. of T rd.; **iron post** stmpd. "791"	790.708
Venedocia, 0.25 mi. w. by 2 mi. n. of, in base of teleph. pole at T road; spike	787.17
Venedocia, 0.25 mi. w. by 1 mi. n. of, in fence post; spike at n. e. cor. of T rd.	786.82
Venedocia, 0.5 mi. w. by 1 mi. n. of, at n. e. cor. of T rd., in teleph. pole; spike	794.25
Venedocia, 0.5 mi. s. of, at T road w., in base of telephone pole; spike	803.15
Venedocia, 1.0 mi. s. of, at s. e. cor. of T rd. e.; **iron post** stamped "804"	803.998
Venedocia, 2.5 mi. s. of, at s. w. cor. of +rds., in base of teleph. pole; spike	817.61

Venedocia east to Southworth

Venedocia, 1 mi. s. by 0.7 mi. e. of, at s. e. cor. of T rd. s., in fence post; spike	808.71
Venedocia, 1 mi. s. by 1.7 mi. e. of, at n. e. cor. of T rd. n., in fence post; spike	810.31
Venedocia, 1 mi. s. by 2 mi. e. of, at n. e. corner of crossroads, in base of telephone pole; spike	811.24
Landeck, 2.0 mi. s. by 0.5 mi. w. of, at s. e. cor. of +rds.; **iron post** stmpd. "813"	812.318
Landeck, 2 mi. s. of, at s. e. corner of +roads, in base of teleph. pole; spike	813.52
Landeck, 0.5 mi. e. by 1.8 mi. s. of, at n. e. corner of T road, in top of stump; brass nail head	812.04
Landeck, 1 mi. e. by 1.5 mi. s. of, at s. e. corner of T road s., in base of telephone pole; spike	809.30
Southworth post office, 1 mi. n. by 0.5 mi. w. of, at n. e. corner of crossroads, in base of telephone pole; spike	803.80

Near Grover Hill south 1 mile and return

Grover Hill, 1.02 mi. w. by 1.68 miles s. of, small iron bridge, s. abutment, e. wing wall, face; **aluminum tablet** stamped "730"	729.860

Deshler Quadrangle

Ottawa e. via roads to Benton Ridge, thence s. e. to point 1.7 mi. n. e. of Rawson. (The error distributed in portion of this line is excessive)

Ottawa, 3 miles e. of, on Ottawa-Benton Ridge pike, 350 ft. w. of T road n., in s. w. corner of a residence yard, in top of marble post; **aluminum tablet** stamped "Prim. Trav. Sta. No. 4—739"	738.628
Gilboa, in s. w. cor. of abut. of highway brg. about 600 ft. n. w. of sta., 200 ft. n. of C. H. & D. Ry. track; **aluminum tablet** stamped "745"	745.269
Gilboa, in front of station; top of rail	751.6
Moffitt, 900 ft. s. of C. H. & D. Ry. +ing, in s. w. cor. of stone abut. of wood brg. over Moffitt ditch, being 300 ft. n. of T rd. w.; **aluminum tablet** stmpd. "753"	753.074
Moffitt, at road crossing at station; top of rail	755.1
Benton Ridge, in stone foundation of brick public school, 8 ft. s. of n. w. corner, under window; **aluminum tablet** stamped "778"	778.189

Leipsic e. along N. Y. C. & St. L. Ry. to McComb, thence s. to Benton Ridge. A check line was also run to standard bench mark 4 mi. w. of Findlay

Leipsic, 100 ft. n. e. of Minnesota St., in stone window sill of Lampe building, 18 inches above sidewalk between side entrance door and door to stairway; **aluminum tablet** stamped "767"	767.006

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Leipsic, in front of station; top of rail	754.6
Townwood, road crossing; top of rail	746.7
Shawtown, road crossing; top of rail	746.6
Shawtown, 6 inches from w. end of stone culvert, 50 ft. s. w. of ry., 20 ft. s. of track, **aluminum tablet** stamped "742"	**742.392**
McComb, n. side of main e.-w. st., in stone sill of Smith Bldg., 20 ft. e. of n.-s. st., 60 ft. n. e. of diagonal turn in st.; **aluminum tablet** stamped "771"	**770.798**
McComb, 3 mi. s. of, in stone foundation of brick schoolhouse, subdivision No. 7, 1 ft. from s. w. cor.; **aluminum tablet** stamped "809"	**809.410**
Benton Ridge station, 1 mile n. e. of, cross on e. end of stone abutment of wood culvert at crossroads	759.11

Deshler n. w. along B. & O. Ry. 6 mi., thence e. and s. along highway to Hoytsville

Deshler on Main St., in top of base stone of Gianque Block, 4 ft. from s. e. corner next to alley, about 300 ft. from C. H. & D. Ry. tracks; **aluminum tablet** stamped "713"	**712.985**
Deshler, 6 mi. n. w. of, 1 mi. n. of B. & O. tracks, 200 ft. s. of W. A. Jaqua's res., in n. w. cor. of field at +roads; **iron post** "Prim. Trav. Sta. No. 11—708"	**707.508**
Deshler, 3.8 miles n. e. of, about 50 ft. s. e. of crossroads at brick schoolhouse, about 0.75 mile e. of C. H. & D. Ry.; **iron post** stamped "Prim. Trav. Sta. No. 12—704"	**703.600**
Hoytsville, 2 miles n. by 1 mile w. of, in s. w. corner of s. w. stone abutment of small iron bridge over ditch; **aluminum tablet** stamped "700"	**700.363**

B. Ms. at Hoytsville and Belmore (precise levels) set from U. S. C. & G. S.

Hoytsville, 1 mile e. of, in bridge seat course of stone, s. w. corner abutment of B. & O. Ry. bridge, 140 ft. e. of rd. +ing; **aluminum tablet** stamped "709"	**708.856**
Belmore, 6 ft. n. of s. e. corner of town hall, e. face of base stone, 1 ft. from ground, 2.5 ft. s. of double door entrance; **aluminum tablet** stamped "740".	**739.616**

North Baltimore w. via B. & O. Ry. to point 1 mi. e. of Deshler (precise line)

North Baltimore, about 1.5 mi. w. of, at rd. +ing, in s. end of culvert, in center of top; **copper bolt** marked "U. S. B. M." (C. & G. S. B. M. L6)	**717.320**
North Baltimore, about 2.5 miles w. of, on B. & O. Ry. right-of-way, at road crossing, in s. end of concrete culvert; **chiseled square** marked "U. S. B. M." (C. & G. S. B. M. M6)	**715.051**
Hoytsville, about 1 mile e. of, at road crossing 164 ft. s. of B. & O. Ry. tracks, 33 ft. s. of the junction of highway, on w. end of n. abutment of a small iron bridge; **red metal disk** (C. & G. S. B. M. N6)	**707.577**
Hoytsville, about 1 mi. w. of, at road crossing, 33 ft. s. of B. & O. Ry. tracks, on w. end of small highway culvert, in middle stone, 3.2 inches from the w. face; **copper bolt** (C. & G. S. B. M. O6)	**709.289**
Deshler, about 1 mi. e. of, on B. & O. Ry. right-of-way, at rd. + ing, in n. end of concrete culv.; **red metal disk** in center top surface (C. & G. S. B. M. P6)	**711.569**

Deshler s. w. along C. H. & D. Ry. to Leipsic (precise line)

Deshler, n. e. corner of Maple and Keiser Sts., in s. e. cor. of main building Presbyterian Church, in water table, e. face, about 1 ft. n. of s. cor. and 3 ft. above ground; **brass bolt** marked with hor. line (C.& G. S. B. M. H1)	**713.716**

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	Feet
[illegible] side of Main Street, about 175 ft. e. of Cincinnati, Hamilton & [illegible] in [illegible] building owned by A. W. Lee, on w. end of base [illegible] under window [illegible] entrance, **chiseled square** (C. & G. S. B. M. I1)	713.140
[illegible] Defiance and Main Streets, in e. face of foundation [illegible] Building, [illegible] corner of building, 8 inches below [illegible] inches above ground, intersection of two aprons [illegible] cuts in **brass bolt** leaded horizontal [illegible] (C. & G. S. B. M. J1)	736.700
[illegible] side of Walnut St., about 125 ft. e. of Main St., top of foundation [illegible] building, under e. end of window, 11 in. w. of cor. [illegible] **chiseled square** (C. & G. S. B. M. K1)	765.964
[illegible] side of Commercial St., 125 ft. e. from e. side of Main St., on [illegible] House, 6 in. w. of e. face, 35 in. above flagging of sidewalk, **brass bolt** [illegible] (C. & G. S. B. M. L1)	763.703

Dublin Quadrangle

[illegible] Dublin, thence e. to Worthington, thence [illegible] double circuit

Lane Ave. [illegible] Hocking Valley R. R., 1 ft. e. of culvert on n. side of Lane Ave., [illegible] stone	760.65
Scioto River, along e. bank, n. e. cor. of Lane Ave. and road; stone	791.00
[illegible] 3.5 miles s. of w. end of s. approach wall on east side of Fishinger bridge over Scioto River, **chiseled square**	762.04
Scioto River, 1.0 mi. n. w. of corner River road and Bethel free pike, on e. side of road in small stone, cross cut	772.36
Dublin, 2.5 mi. s. of Scioto River, e. side of, 0.5 mi. n. of Bethel free pike, in w. wall, n. end of bridge, cross cut	775.17
Dublin Bridge, 1 mi. s. of e. end of, in flat rock on e. side of river rd. on cor.; cross cut	820.26
Dublin Bridge, at beginning of walk over, on n. side, e. end of, in stone; cross cut	797.75
Dublin Bridge, 50 ft. from e. end of, on lower wall, n. side; cross cut	799.05
Dublin Bridge, 1 mi. e. of, 150 ft. w. of toll gate, on s. side of pike, in small stone near fence, cross cut	908.40
Elmwood, Linworth, 0.5 mi. w. of, on n. side of pike, near white picket fence, in large boulder, cross cut	882.45
Elmwood, at n. w. cor. of intersection of Elmwood and Dublin pike and pike 1000 ft. e. of Hocking Valley Ry., in stone; cross cut	834.75
Elmwood, 1 mi. e. of, 500 yds. w. of Olentangy River, at cor. of pike and rd. s., in rock; cross cut	787.56
Elmwood, 1.25 mi. e. of, on n. w. cor. of brdg. over Olentangy River; cross cut	758.20
Worthington, 200 yds. west of square, in oblong stone at cor. made by State and Pearl Sts.; cross cut	853.74
Worthington, on s. side of grammar school building, in arch of foundation, over cellar window; **aluminum tablet** stamped "884 C"	884.353
Intersection of Bethel Pike and Perry Twp. pike, on boulder at cor.; cross	891.04
Bethel Pike, 0.5 mi. n. of, cor. of Perry Twp. pike and road w., on e. side of pike near gate, in stone; cross cut	893.15
Elmwood, 1 mi. n. of, on s. side of road 75 ft. w. of cor. by race track (Alonzo Hard), 0.5 mi. e. of Hocking Valley Ry., in stone; cross cut	848.07

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	Feet
Worthington and Elmwood Bridge over Olentangy River, 1.75 mi. n. of, s. w. corner of bridge, on stone; cross	765.57
Worthington, 0.5 mi. n. of, at corner of High St. and diagonal road to n. e., on culvert on e. side of road; cross marked P + B	844.40
Worthington, in front of Central Hotel, on corner of curb; cross	874.15
Worthington, 3 mi. s. of, on cor. by schoolhouse, in small stone; cross cut	804.52
Clintonville, corner of High St., and Henry Imm's road in curb next to e. rail of Street Railway track; cross cut	782.68
North Columbus, n. e. corner of Doddridge and High Sts., s. w. cor. of **stepping stone** to saloon	**792 414**

Columbus n. w. to Hilliard, thence n. to Dublin

Hilliard, 3 mi. s. e. of, 1 mi. w. of P. C. C. & St. L. Ry., cor. made by intersec. of Mudsock free pike and road running n., in stone on n. w. cor.; cross cut	886.54
Hilliard, 2 mi. s. by 0.2 mi. e. of, at +pikes, n. w. cor. of stone culv.; chiseled +	932.09
Hilliard, 2 mi. s. by 0.25 mi. w. of, w. end of **door sill** of brick schoolhouse, corner of Mudsock pike and Roberts free pike	**940.910**

Dublin n. w. along pikes to New California, thence n. e. to Belle Point

Dublin, at w. end of steel bridge over Scioto River, in s. stone wall; **bronze tablet** stamped "805 Col"	**805.592**
Dublin, 1.5 mi. n. of, in top stone on w. end of curved wall at cor.; cross cut	858.94
Dublin, 3 0 mi. n. w. of, in stone at cor. of rd. n. on e. side of Asher Brand's place; cross cut	896.70
Dublin, 4.0 mi. n. w. of, on step, front entry of schoolh., on cor. of pike n.; cross	916.73
Dublin, 5.0 mi. n. w. of, at +rds, on n. w. cor. of brdg., 100 ft. s. of cor.; bolt	930.15
J. C. McCampbell's place, 500 ft. e. of, in stone on n. e. cor. of rd. n. e.; cross cut	961.27
Dublin-Union county pike and Marysville pike, intersection of, in stone on n. w. cor.; cross cut	953.16
New California, in s. w. cor. of foundation of Jerome township high school; **aluminum tablet** stamped "993 Col"	**993.842**
New California, 3.5 mi. n. e. of, intersection of pike with e. and w. pike, in stone, 10 ft. s. of mailbox marked "Elmer Herriott"; cross cut	966.07
Bellpoint, 2.5 mi. s. w. of, on large flat stone on s. e. cor. of +ing with e.-w. rd.	950.26
Bellpoint, 2.0 mi. s. w. of, 0.5 mi. n. of White Church, on large flat stone 25 ft. n. of pike w.; cross cut	942.84
Bellpoint, 1.5 mi. w. of, intersection of pike and road along s. bank of Mill Creek, in stone at intersection; cross cut	884.74
Bellpoint, 1.25 mi. w. of, iron bridge, in top stone, s. e. abutment; **cross cut**	**881.373**

Bellpoint e. via roads to Stratford, thence south along highway via Gregory to Worthington

Bellpoint, over Mill Cr. brdg., 500 ft. s. of store, at n. w. cor.; + cut in stone	866.31
Bellpoint, in northwest abutment to bridge over Mill Creek, in top stone; **bronze tablet** stamped "863 Col"	**863.599**
Bellpoint, in top stone of n. w. abut. to bridge over Scioto River; cross cut	856.03
Bellpoint, 1.5 mi. n. e. of, in flat rock on n. w. corner of intersection of four corners by brick schoolhouse; cross cut (on Delaware Quad)	937.08
Gregory sta., 0.5 mi. e. of, on flat stone on s. e. cor. of brick schoolh., rd. s., + cut	948.45

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	Feet
Gregory, 0.6 mile e. of, in s. w. cor. of foundation of brick schoolhouse, subdivison No. 7; **aluminum tablet** stamped "949"	**949.579**
Lewis Center, 1 mi. w. of, on stone at intersec. of rds. and High St. cor.; **cross**	**917.375**
Worthington, 5.5 mi. n. of, on stone at corner; **cross**	**944.680**
Worthington, 3.2 mi. n. of, High Street and road e., on Delaware and Franklin county line stone; top of stone	914.55
Worthington, 2 mi. n. of, intersection of High St. and Flint road, on s. w. corner in Porter's yard; **cross** on boulder	**901.793**

Dublin s. w. along highway to Hilliard

Dublin, 1.5 mi. s. of, on n. w. cor. of River road and rd. w., on stone; cross	834.00
Scioto River, 2 mi. w. of, on s. e. cor. of Hayden Run rd. and pike, near No. 10 schoolhouse; cross cut in boulder	910.13
Hilliard, 1 mi. n. of, intersection of Dublin and Hilliard pike and road to Radnor station, on stone; cross	931.10
Hilliard, high school building, in s. end of lower step; chiseled cross	936.80
Hilliard, 0.33 mi. s. of railway, in stone on s. e. cor. of four corners; cross	937.50

New California n. to Watkins, thence e. to Bellpoint

Watkins, at w. end of trough at town pump, on stone; cross	962.42
Watkins, 0.75 mi. n. of, on s. e. cor. of rd. going e., near white schoolhouse, in stone; cross cut	956.03
Watkins, 1.5 mi. n. of, in s. w. abut. to covered brdg. over Mill Cr.; cross cut	926.74
Watkins, 1.5 miles n. of, in top of s. w. abutment to covered bridge; **bronze tablet** stamped "926 Col"	**926.565**
Intersec. of Hanawatt pike and Jerome and Ostrander pike, in stone; cross cut	942.14

Kileville east to Dublin

Kileville, 1.5 mi. w. of, at fork in rd., near wooden schoolhouse, in boulder on s. w. corner; cross cut	942.50
Kileville, rd. crossing at station; top of rail	950.4
Kileville station, 0.75 mi. e. of, at intersection of post road and road n., in e. pier to wooden bridge; cross cut	944.14
Kileville, 1.0 mi. e. of, Union-Franklin county line, 50 ft. e. of intersection of post road and free pike; middle of arrow on county line stone	944.09
Dublin, 4 mi. w. of, on s. side of pike, 50 ft. w. of forks, Marysville and Plain City roads; cross cut in large slab stone	939.91
Dublin, 2.66 mi. w. of, on n. e. cor. of —ing of roads, in stone; cross cut	921.65
Dublin, 3 miles w. by 1 mi. s. of, on n. e. abut. of brdg., 200 ft. s. of schoolhouse; chiseled cross	921.93

East Cincinnati Quadrangle

Silverton via Miamiville and Ninemile to Hyde Park

Silverton, 0.5 mi. n. of, on Plainfield Pike, on n. w. cor., upper stone step of church; **chiseled mark**	**869.447**
Montgomery, on s. e. cor. of intersec. of State and Mill Sts., on step of brick building; **chiseled mark**	**791.417**
Miamiville, on w. end of lower stone step of G. H. Eveland's store; **chiseled mark**	**588.098**

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	Feet
Miamiville, rd. +ing at forks of rd. e. end of town, 35 ft. e. of Penn. Ry., 20 ft. s. of center of rd.; **iron post** stamped "578"	577.775
Milford, on s. w. cor., upper step of e. abut. of steel bridge across the Little Miami River; **chiseled mark**	528.824
Mount Carmel, schoolhouse, coping s. e. cor. of foundation; **aluminum tablet** stamped "Cin 882"	881.375
Intersection of Ninemile and Cluff pikes, on n. cor. of n. end of culv., 200 ft. s. of; **chisel mark**	896.684
Tobasco, 1.33 mi. s. of, on n. w. cor. of south abut. of bridge; **chisel mark**	668.869
Ninemile Creek, 0.5 mi. s. of, meeting of three forks of Ninemile Creek on w. cor. of n. w. abut. of steel bridge; **chisel mark**	542.354
Ninemile Creek, steel bridge 0.5 mi. s. of junction of three forks, w. end of n. abutment; **aluminum tablet** stamped "Cin 539"	538.191
Ninemile Pike, 4 mi. w. of, on w. end of doorstone of schoolh. of Sub District No, 6; **chisel mark**	505.355
California, on projecting coping of foundation at n. w. corner of the Hotel Reservoir; **chisel mark**	506.377
California, city waterworks, pumping sta., east end of culv. under driveway; nearest river; **aluminum tablet** stamped "Cin 487"	486.693
California, 1.25 mi. n. of, on n. cor. of e. abut. of steel bridge across Little Miami River; **chisel mark**	490.552
Cincinnati city boundary, ⅛ mi. s. of, on n. e. cor. of lower step of Spencer Township Hall; **chisel mark**	491.193
Cincinnati via Madisonville and Silverton to Winton Place	
Madisonville, B. & O. S. W. Ry., +ing at Central Avenue, e. end of s. abut. plate girder brg., first step from bottom; **aluminum tablet** stamped "Cin 588"	587.409
Intersection of Montgomery pike and Madisonville-Silverton road, on large stone at s. w. corner of stone culvert at; chiseled mark	845.70
Silverton, 0.3 mi. e. of, s. side of Montgomery pike, 150 ft. w. of Madisonville rd., s. end of culvert; **aluminum tablet** stamped "838 Cin"	837.874
Pleasant Ridge, near intersec. of Pleasant Ridge Ave. and Montgomery Pike, on stone platform of pump across from blacksmith shop; chiseled mark	795.98
Norwood, on curbstone in front of John Niehaus's grocery; chiseled mark	634.61
Winton Place sta., on s. end of e. abut. of ry. brg., 0.5 mi. n. e. of; chiseled mark	514.79
Loveland s. w. along B. & O. S. W. Ry. to Cincinnati (precise line)	
Remington, short distance w. of, on pier of railroad bridge over Sycamore Creek; **chiseled square** marked "B. M." (destroyed) (C. & G. S. B. M. LXII)	590.861
Cincinnati, courthouse at, on s. face of pillar at s. side of main entrance on Main Street, 3 inches above flagging; **copper bolt** projecting 1.5 inches from masonry on w. side, flat surface which surrounds the bench mark is inscribed, "B M No. 1 115′ 25." (C. & G. S. B. M. T. or City B. M. No. 1)	546.537
Glendale south to St. Bernard (precise line)	
Cincinnati, 12.3 miles n. of, C. H. & D. Ry. bridge 8 over Mill Creek, s. abutment, e. end, first step below bridge seat course, 6 inches w. of e. face, 12 inches s. of n. face; **chiseled square** (C. & G. S. B. M. J4)	573.305
Lockland, Collectors Lock, 10 ft. n. of n. side of Lock Street on e. wall of lock, on coping stone, 5.6 ft. n. of s. gate, 4 inches e. of w. face of wall; **chiseled square** (C. & G. S. B. M. T4)	574.085

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	Feet
Renssalaer, about 1 mi. n. of Carthage, on C. H. & D. Ry., at intersec. of Hamilton pike and Forest Ave., on n. abut. of viaduct, w. end, first step below bridge seat course, on s. w. quarter of stone, 18.5 ft. n. of outside rail; **chiseled square** (C. & G. S. B. M. K4)	**538.987**
Carthage, s. e. cor. of Jackson and Fourth Sts., w. side of Christian Church bldg. (1879), on water table at base of tower, 6 in. n. of s. angle of tower and 1.8 ft. above ground; **brass bolt** marked with hor. line (C. & G. S. B. M. L4).	**551.403**
Carthage, 10 mi. n. of Cincinnati on line of M. & E. Canal, on s. abut. of Fourth St. brg. over canal, w. end, 6.5 ft. above towpath and 2.5 ft. below floor of brg. on second step above retaining wall, on 7th step below coping, 2 in. from end and 6 in. from face of stone; **chiseled square** (C. & G. S. B. M. S4)	**551.264**
St. Bernard, about 8 mi. n. of Cincinnati, on M. & E. Canal and B. & O. S. W. Ry., on e. face of w. abut. of railroad brdg. over canal, 4 ft. above towpath, in 8th course of masonry from top, 5.75 ft. n. of cor. in s. w. brg. seat stone; horizontal groove in bottom of **square cut** three-eighths inch deep and 1 inch square, lettered "U. S. C. & G. S." (C. & G. S. B. M. R4)	**548.352**

On left bank of Ohio River (Army Engineers' precise line)

Eightmile dike, Campbell Co., Ky., Army Engineers' U. S. B. M. 455-A, directly s. of 2½ story frame house, s. e. of Government light, 148.21 ft. n. of 10-in. willow tree, 123.14 ft. n. e. of 8-in. willow tree, s. w. of cedar tree on hill on opposite bank of river; **spike** in timber in dike, Elev. 451.091	**450.555**
Brent, Ky., 800 ft. above station, Army Engineers' U. S. B. M. 460-A, C. & O. Ry. bridge No. 653.4 over road, on capstone of s. face of e. abutment, 10 ft. s. e. of n. w. end of abutment; **cut**, Elev. 496.812	**496.274**
Covington, Ky., on n. face of stone foundation of water works pump house, Army Engineers' U. S. B. M. 461-A, 25 ft. w. of n. e. corner, 28th course of stone from brickwork down; **cut**, Elev. 470 489	**469.951**
Newport, Ky., on w. face of waterworks pumphouse, Army Engineers' U. S. B. M. 462-A, 30.2 ft. s. of n. w. corner, 8th course below and 7.7 ft. s. of iron window casement; **cut**, Elev. 449.768	**449.230**
Cincinnati, at East End Gas Works, Army Engineers' U. S. B. M. 464-A, on w. (downstream) end of stone pier, 15th course of stone below top of pier; **cut**, Elev. 448.329	**447.791**
Bellevue, Ky., about 70 ft. s. w. of Washington Avenue, Army Engineers' U. S. B. M. 466-A, on w. wing wall of sewer, 3 ft. below top of and 5.5 ft. s. e. of n. w. end of; **cut**, Elev. 445.940	**445.401**
Cincinnati, on old water works pumphouse, about 400 ft. s. of cor. of Pearl and Martin Sts., Army Engineers' U. S. B. M. 467-A, on top stone of e. retaining wall, 1.2 ft. s. of stone cross wall and 27 ft. n. of s. e. cor. of lower stone wall; **cut**, Elev. 468.538	**467.998**
Newport, Ky., on Newport and Cincinnati highway bridge over Ohio River, Army Engineers' U. S. B. M. 468-A, n. e. end of Kentucky land pier, 2 ft. above ground and is also a Harbor Line reference point; **cut**, Elev. 483.687	**483.147**

East Columbus Quadrangle

Duvall n. along road via Lockbourne to Columbus

Lockbourne, in top of s. pier west end of N. & W. Ry. bridge over Ohio Canal; **aluminum tablet** stamped "716 Columbus 1899"	**715.619**
Lockbourne, 0.5 mi. w. of, on s. wall of lock at w. side of Big Walnut Creek; chiseled square	694.18
Lockbourne, 2 mi. n. w. of, on n. wall of turnpike bridge over canal, 0.5 mi. s. of Shadeville, on second step of w. wing; chiseled mark	702.60

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	Feet
Shadeville, 1.5 miles n. of, on Spangler Hill, 500 ft. e. of rd.; **iron post** set as triangulation point, stamped "817 Columbus 1899"	**816.691**
Shadeville, 500 ft. w. of Spangler, on cor. stone in highway; chiseled square	741.22
Columbus, 3.5 mi. s. of, on s. railing to stone steps at entrance to schoolhouse	726.67
Columbus, 3 mi. s. of, on s. end of e. parapet wall of arch culv.; chiseled sq.	710.16
Columbus, cor. of High St. and Marion Rd., on curb at s. e. cor.; chiseled sq.	748.73
Columbus, at n. w. corner of courthouse, on curb; chiseled square	772.19
Columbus, at northwest corner of courthouse, below corner stone; **aluminum tablet** stamped "778 Columbus 1899"	**777.601**
Columbus, City bench mark on **water table** at northwest corner of State Capitol (city datum elevation 780.630)	**780.400**

South Columbus s. e. to Baker Hill (single spur line)

South Columbus, 2.5 miles s. e. of; Baker Hill, triangulation station; **iron post** stamped "819 Columbus 1899" (removed and not reset)	**818.604**

Columbus e. to Reynoldsburg, thence s. to Marcy, thence w. to Duvall

Seventh and Mound Streets, at n. e. corner of, near water trough, on curb; chiseled square	765.43
Columbus, 3 miles e. of, main bridge over Alum Creek, in top s. wing wall of w. abutment; **aluminum tablet** stamped "760 Columbus 1899"	**760.035**
Columbus, 5 mi. e. of, on threshold of schoolhouse, No. 7; cross	778.70
Columbus, 7.6 mi. e. of, on top of s. wing west abutment of bridge over Big Walnut Creek; chiseled square	771.91
Reynoldsburg, 1.5 mi. w. of, on e. end of culvert at Brice rd.; chiseled sq.	864.20
Reynoldsburg, bridge over Blacklick Creek, in second step of s. wing, west abutment; **aluminum tablet** stamped "863 Columbus 1899"	**862.703**
Canal Winchester, on s. abutment, w. wing of canal bridge; chisel mark	767.38
Canal Winchester, 0.5 mile s. of, n. abut. of bridge over Little Walnut, in e. end of brg. seat; **aluminum tablet** stamped "758 Columbus 1899" (destroyed)	**757.850**
Canal Winchester, 1.5 mi. s. of, on stone monument at crossroad, summit n. of sawmill; chiseled square	853.44
Lithopolis, on s. end of step block at w. door of Elkhorn Hotel; chiseled cross	901.95
Lithopolis, 1.5 miles s. w. of, on county line rd., in w. wing, s. abutment of small highway bridge; **aluminum tablet** stamped "888 Columbus 1899"	**888.560**
Marcy, 1 mi. n. of, intersec. of Co.-line rd. and rd. e., top of stone monument	968.05
County-line rd., 2.2 mi. w. of, on threshold of w. door of schoolh.; chiseled +	845.82
Duvall, 4 mi. e. of, on lower step at church; chisel cross	754.00
Duvall, 2.5 mi. e. of, on parapet wall, n. w. corner of bridge over Little Walnut Creek; chiseled square	712.79
Duvall, 2.5 miles e. of, in w. end of n. abutment of bridge over Little Walnut Creek; **aluminum tablet** stamped "711 Columbus 1899"	**711.443**
Duvall, on top step of schoolhouse No. 8, at e. door; chiseled mark	719.05

Duvall north along N. & W. Ry. to Columbus (precise line)

Duvall, w. side and cen. of the capstone of a small stone culv. on the N. & W. Ry. about 30 ft. s. w. of rd. +ing and 90 ft. s. of sta.; **aluminum tablet**	**712.098**
Duvall, in front of station; top of rail	713.2

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	Feet
Duvall, 0.75 mi. north of, in top and e. side of small stone culvert on N. & W. Ry., at milepost C 18; **aluminum tablet**	**715.879**
Lockbourne, in top of s. pier, w. end of N. & W. Ry. brdg. over Ohio Canal; **aluminum tablet** stamped "716 Columbus 1899"	**715.619**
Lockbourne, in front of station; top of rail	718.6
Miner, in front of station; top of rail	738.0
Reeses, 0.33 mi. s. of, in w. end of bridge seat of north pier of N. & W. Ry. brg. across Big Walnut Creek, 10 ft. from cen. of trk. and 4 ft. below top of rail; **aluminum tablet**	**722.868**
Reeses, in front of station; top of rail	733.6
Valley Crossing, 1 mi. s. of, in e. end of bridge seat of n. abutment of plate girder N. & W. Ry. viaduct across S. V. Traction Ry.; **aluminum tablet**	**751.934**
Valley Crossing, N. & W. and Hocking Valley Rys. +ing; top of rail	773.4
Bannon, N. & W. Ry. and T. and O. C. Ry. +ing; top of rail	774.8
Columbus, +ing on Broad Street and N. & W. Ry.; top of rail	768.6

Valley Crossing n. along N. & W. Ry. to Bannon, thence e. along T. & O. C. Ry. to Pickerington (precise line)

Obetz, in front of station; top of rail	754.2
Bannon, 0.8 mi. e. of sta. s. e. cor. of s. abut. of ry. brdg.; **aluminum tablet** stamped "753"	**752.482**
Truro, in front of station; top of rail	769.9
Truro, 0.9 mi. e. of, s. w. cor. of abut., w. side of ry. brg.; **chiseled square** T.B.M.6	**767.357**
Brice, in front of station; top of rail	783.8
Brice, 1.33 mi. s. e. of, s. w. cor. abut. of ry. brg.; **chiseled square** T. B. M. 9	**797.757**
County line, (Franklin and Fairfield); top of rail	803.5
Pickerington, in front of station; top of rail	840.2

East Liberty Quadrangle

3 mi. n. of Bellefontaine via rds. n. e. to Big Springs

Bellefontaine, 3.2 mi. n. of, at railroad +ing; top of w. rail at cen. of road	1314.32
Bellefontaine, 4.25 mi. n. of, s. e. cor. of +rds., 640 ft. n. of residence of E. C. Peoples; **iron post** stamped "1299"	**1299.251**
Bellefontaine, 4.2 mi. n. by 0.9 mi. e. of, 20 ft. s. of cen. of rd. at +ing, C. C. C. & St. L. Ry., on e. end of 12-inch steel tile under ry.; highest point	1336.52
Harper, 0.5 mi. s. e. by 0.8 mi. s. w. of, at lane s., at root of 3-foot walnut tree, on granite bowlder 2 ft. in diameter; chiseled square	1380.64
Harper, 0.5 mi. s. e. of, n. w. cor. of +rds., on granite bowlder 4 ft. in diameter; chiseled square on highest point	1324.02
Harper, 0.5 mi. s. e. by 0.5 mi. n. of, n. e. cor. of T rd. e., on top of concrete anchor for telephone pole; chiseled square	1299.15
Harper, 0.5 mi. s. e. by 1.5 mi. n. e. of, s. e. cor. of T rd. e.; **iron post** stmpd. "1278"	**1278.265**
Rushylvania, 0.9 mi. s. w. of, at crossing; top of e. rail	1276.8
Rushylvania, 175 ft. s. w. of station, s. w. corner of concrete walk at s. w. corner of crossroads; chiseled square	1244.79
Rushylvania, 100 ft. s. of station, at railroad crossing; top of w. rail	1242.0

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	Feet
Big Springs, 1.4 mi. s. w. of, s. w. cor. of crossroads, 150 ft. e. of railroad crossing, on w. end of stone culvert; chiseled square	1179.18
Big Springs, 1.2 mi. s. w. of, at railroad crossing; top of e. rail	1182.6

2 miles n. e. of Harper along highway e. and n. to Big Springs

Harper, 0.5 mi. s. e. by 1.5 mi. n. e. of, in n. w. abutment of iron bridge over Rush Creek; chiseled square	1244.70
Harper, 0.5 mi. s. e. by 1.5 mi. n. e. of, 90 ft. e. of junction of roads on n. end of steel tile; highest point	1255.95
Walnut Grove, 1.4 mi. n. by 1 mi. w. of, s. w. cor. of +roads, on granite bowlder 1.5 ft. in diameter; chiseled square	1313.53
Walnut Grove, 1.4 mi. n. of, s. w. cor. of crossroads, on w. end of 10-inch steel tile under pike; highest point	1170.55
Walnut Grove, 2.3 mi. n. of, s. e. cor. of concrete platform of entrance to Equality schoolhouse, at T road e.; chiseled square	1167.29
Walnut Grove, 2.7 mi. n. of, s. w. cor. of T road s., s. end of 2-foot steel tile under pike; highest point	1153.08
Big Springs, 2.1 mi. s. of, on top of n. e. abut. of iron bridge over Rush Creek; chiseled square	1120.80
Big Springs, in front of station; top of w. rail at road crossing	1136.3

Walnut Grove via roads e. 6.1 miles, thence s. to point 3 miles n. e. of West Mansfield

Walnut Grove, on n. e. cor. of concrete wall leading to Walnut Grove M. E. Church; chiseled square	1153.02
Walnut Grove, 1.3 mi. e. of, s. e. cor. of Bell schoolhouse yard at crossroads; **iron post** stamped "1111"	**1111.477**
Walnut Grove, 3.1 mi. e. of, 150 ft. e. of residence of E. J. Clark, at T road n., on end of steel tile under pike; highest point	1081.73
Walnut Grove, 3.7 mi. e. of; T. & O. C. Ry. crossing; top of e. rail	1075.7
Walnut Grove, 4.4 mi. e. of, n. w. cor. of crossroads, 200 ft. s. of residence of Homer Bates, in base of fence post; copper B. M. nail	1070.49
Walnut Grove, 4.8 mi. e. of, n. e. cor. of +roads, on e. end of 10-inch steel drain under rd.; highest point	1071 40
Walnut Grove, 6.1 mi. e. of, 400 ft. w. of brdg. over Bokes Creek, at T rd. s., on s. end of 10-inch steel tile under pike; highest point	1050.80
West Mansfield, 3 mi. n. e. of, in n. w. cor. of Bethel schoolhouse yard, at T rd. w.; **iron post** stamped "1057"	**1058.038**

Bellefontaine along highway east to Lunda

Bellefontaine, at top of hill in e. end of town, Sandusky Street, rd. n., s. e. cor. of concrete +ing; chiseled square	1341.76
Bellefontaine, 1.8 mi. e. of, 80 ft. e. of rd. forks, 20 ft. s. of rd.; **iron post** stamped "Prim. Trav. Sta. No. 92—1910—1449"	**1449.065**
Bellefontaine, 2 mi. e. of, on s. side of rd., in fence post at T rd. n.; spike	1466.25
Bellefontaine, 2.5 mi. e. of, on Jerusalem pike, on top of hill, 20 ft. n. of rd., 30 ft. w. of cor. of woods, on granite bowlder; chiseled square	1529 61
Campbell's Hill; top of n. meridian monument	1533.26
[illegible] 2.5 mi. e. of, near top of Campbell's Hill; top of s. marble [illegible]ing meridian line, marked "U. S. C. & G. S."	1548.71

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	Feet
Bellefontaine, 2.5 mi. e. of, Campbell's Hill, 1000 ft. s. of Jerusalem pike, in orchard; top of hill (highest point in State of Ohio)	1550.0
Bellefontaine, 2.9 mi. e. of, on Jerusalem pike, s. side of rd. at T rd. n., in base of large oak tree; copper B. M. nail	1482.20
Bellefontaine, 4 mi. e. of, on Jerusalem pike, 500 ft. w. of +roads, on e. abut. of steel brdg. over creek; chiseled square	1283.39
New Jerusalem, 1.2 mi. w. of, in n. w. cor. of T rd. n., in fence post; copper B. M. nail	1351.32
New Jerusalem, e. side of rd. at T rd. w.; **iron post** stamped "1451"	**1450.718**
New Jerusalem, 0.9 mi. e. of, on s. side of rd., in fence post; copperB. M. nail	1398.91
New Jerusalem, 2 mi. e. of, n. side of rd., 0.4 mi. w. of +roads, in base of w. gatepost at lane; copper B. M. nail	1184.05
North Greenfield, 1.4 mi. w. by 0.8 mi. n. of, 300 ft. w. of +roads, on n. wing wall w. abut. of brdg. over creek; chiseled square	1148.34
North Greenfield, 1.4 mi. w. of, n. e. cor. of + roads, on vitrified pipe drain; painted square	1172.11
North Greenfield, 0.6 mi. w. of, n. w. cor. of +roads, at cemetery; **iron post** stamped "Prim. Trav. Sta. No. 93, Ohio—1910—1132"	**1131.994**
North Greenfield, s. e. cor. of concrete walk to Methodist Church; chiseled sq.	1102.85
North Greenfield, 1.3 mi. e. of, at Mill Creek schoolh., n. w. of T rd. n., in base of telephone pole; copper B. M. nail	1089.89
North Greenfield, 2.4 miles e. of, 2.1 miles w. of Lunda, n. w. cor. of +rds.; **iron post** stamped "1071"	**1070.351**
Lunda, 0.9 mi. w. of, at T rd. n., s. end of cast iron drain; painted square	1085.41
Lunda, in front of schoolh., s. w. cor. of concrete watering trough; chiseled sq.	1098.73
Lunda, 600 ft. s. of station, at road crossing; top of rail	1102.3

Near North Greenfield north to Walnut Grove

North Greenfield, 0.6 mi. n. w. of, on s. w. abutment of small iron bridge over ditch; chiseled square	1141.58
North Greenfield, 1.5 mi. n. w. of, n. w. corner of crossroads, in base of cor. fence post; copper B. M. nail	1136.60
Walnut Grove, 1.4 miles s. of, n. e. corner of crossroads, in base of telephone pole 100 ft. e. of main entrance to pike schoolhouse; iron bolt	1138.70

Near Jewell Hill e. to Pickrelltown, thence s. e. 1 mile and n. to near North Greenfield

Jewell Hill, 2.1 miles e. of, s. w. corner of T road e., in s. end of box culvert under pike; copper B. M. nail	1226.92
Jewell Hill, 2.6 miles e. of, in n. e. abut. of small bridge; chiseled square	1151.68
Jewell Hill, 3.1 mi. e. of, s. w. cor. of T rd. w. in base of cor. fence post; spike	1136.80
Jewell Hill, 3.9 miles n. e. of, 400 ft. w. of State bridge over Mad River, 100 ft. w. of residence of John Cox, at T rd. s. e.; **iron post** stamped "1133"	**1132.982**
Jewell Hill, 3.9 mi. n. e. of, s. e. abut. of State brg. over Mad River; chiseled sq.	1131.79
Pickrelltown, 1.3 mi. w. of, opposite T road e. on w. end of 12-inch steel tile under pike; highest point	1370.68
Pickrelltown, at n. e. cor. of +rds., on s. e. cor. of stone step to store; chiseled square	1418.10
Pickrelltown, 1.1 mi. s. e. of, n. w. cor. of T road n., on granite bowlder 4 ft. in diameter; chiseled square	1468.92
Middleburg, 2.4 mi. n. w. of, 20 ft. w. of n. w. corner of crossroads, on granite bowlder 3 ft. in diameter; highest point	1432.02

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	Feet
Zanesfield, 3 mi. s. e. of, on s. e. cor. of doorsill of Marmon Valley schoolhouse (dist. No. 1), at T road n.; chiseled square	1241.92
Zanesfield, 3.4 mi. e. of, at road crossing; top of n. rail	1199.3
Zanesfield, 2.7 mi. n. e. of, n. e. cor. of T road n., 150 ft. n. e. of residence of O. B. Parker; **iron post** stamped "1411"	**1410.598**
North Greenfield, 1.4 mi. s. w. of, n. e. cor. of T road e., in base of cor. fence post; horseshoe	1322.47
Point 1 mi. e. of Pickrelltown s. to near Mingo	
Pickrelltown, 1.8 mi. e. of, n. w. cor. of T rd. s. w.; **iron post** stamped "1396"	**1395.509**
Pickrelltown, 2.4 mi. s. e. of, opposite T rd. w. in base of teleph. pole; iron bolt	1372.59
Pickrelltown, 2.9 mi. s. e. of, on s. e. abut. of small iron bridge; chiseled sq.	1260.40
Pickrelltown, 2.5 mi. s. e. of, at T road e., on n. end of 12-inch earthen drain tile under pike; highest point	1329.13
Pickrelltown, 3.3 mi. s. e. of; top of s. w. abutment of small iron bridge	1192.38
Pickrelltown, 3.9 mi. s. e. of, s. w. cor. of T rd. s., in base of cor. fence post; spike	1288.65
Mingo, 3.4 mi. n. of, 900 ft. w. of schoolhouse, (dist. No. 4, Monroe twp.), at T road n., in base of telephone pole on s. side of road; spike	1369.98
Mingo, 3.4 mi. n. of, 900 ft. w. of schoolhouse (Dist. No. 4, Monroe Twp.) 30 ft. s. w. of cen. of T rd. n.; **iron post** stamped "1371"	**1370.495**
Point 1 mi. e. of Pickrelltown to Pottersburg, thence n. to Lunda	
Pickrelltown, 3 miles e. of, on top of n. e. abutment of concrete bridge over creek; chiseled square	1190.24
Middleburg, 3 mi. w. of, 150 ft. e. of T rd. s. e., on n. e. corner of concrete bridge abutment; chiseled square	1185.27
Middleburg, 500 ft. n. of, n. w. cor. of T rd. s. w., on granite bowlder 3 ft. in diameter; chiseled square	1188.93
Middleburg, n. e. cor. of +rds., directly in front of Sharp's store, in n. e. cor. of sandstone sidewalk; chiseled square	1175.41
Middleburg, 1.5 miles s. e. of, s. e. cor. of +rds.; **iron post** stamped "1122"	**1122.350**
Middleburg, 2 miles s. e. of, n. e. cor. of T rd. e., on n. end of stone culvert under pike; chiseled square	1082.62
Pottersburg, 2 miles w. of, n. w. cor. of T rd. w., on w. end of stone culvert under pike; chiseled square	1075.90
Pottersburg, 1.4 miles w. of, s. e. cor. of T rd. s., in base of telephone pole; copper B. M. nail	1097.81
Pottersburg, 0.7 mile w. of, n. e. cor. of road forks, in base of fence post; copper B. M. nail	1095.25
Raymond, 3 miles s. w. by 0.5 mi. s. e. of, s. e. cor. of T rd. n. e., on end of iron drain pipe; painted square	1094.26
Raymond, 3 miles s. w. of, s. w. cor. of +rds., on stone culv. at Flat Branch; chiseled square	1075.30
Raymond, 3 miles s. w. by 1.2 miles n. w. of, s. w. cor. of T road s. w., in base of telephone pole; copper B. M. nail	1080.67
East Liberty, 3 miles e. of, 150 ft. s. w. of rd. +ing, T. & O. C. R. R. on w. abutment at s. end of small steel bridge; chiseled square	1075.52
Lunda, 2.2 miles s. of, s. w. cor. of rd. forks; **iron post** stamped "1084"	**1083.762**
Lunda, 1 mi. s. of, n. w. cor. of +rds., in base of teleph. pole; copper B. M. nail	1069.40

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Edon Quadrangle

Point 0.2 mi. n. of Billingstown s. along roads via Columbia to point 6 miles s. w. of Edon

	Feet
Billingstown, 0.2 mi. n. of, at s. e. corner of crossroads; top of concrete fence post, level with road, marked "1032.135"	1033.10
Billingstown, 0.8 mi. s. of, at n. e. cor. of +rds.; **iron post** stamped "986 Ohio"	**986.896**
Billingstown, 1.3 mi. s. of, at s. e. cor. of T road e.; spike in base of telephone pole, marked "993.571"	994.54
Columbia, 1.7 mi. n. of, at s. e.cor. of T rd. e.; painted sq. on rock, marked "968.5"	968.44
Columbia, 1.4 mi. n. of, at n. w. cor. of T rd. w., 20 ft. n. of, 20 ft. n. to small walnut tree; painted square on top of rock. marked "973.6"	973.51
Columbia, 0.7 mi. n. of, at n. w. cor. of + rds.; spike in fence post, marked "980.367"	980.32
Columbia, 200 ft. n. of crossroads, on e. side of road, 100 ft. s. w. to Star grocery; **iron post** stamped "979 Ohio"	**978.908**
Columbia, 0.8 mi. s. of, at n. e. cor. of + rds.; spike in fence post, marked "984.496"	984.45
Columbia, 1.5 mi. s. of, at n. w. corner of T road n.; painted square on top of bottom step of concrete steps, marked "963.7"	963.68
Edon, 2 mi. w. by 3.8 mi. n. of, on Ohio-Indiana State line, s. w. corner of T road s., on top of rock at fence corner; painted square, marked "983.073"	983.02
Edon, 2 mi. w. by 3 mi. n. of, at crossroads, w. side of n.-s. rd., 75 ft. n. to w. road, 100 ft. e. to s. side of house; **iron post** stamped "960 Ohio"	**960.175**
Edon, 2 mi. n. by 2 mi. w. of, at n. e. corner of T road e.; painted square on top of rock, marked "939.400"	939.34
Edon, 2 mi. w. by 1 mi. n. of, at s. w. corner of crossroads; spike in base of fence post, marked "923.206"	923.14
Edon, 2 mi. w. of, 10 ft. n. of n. e. cor. of T rd. e.; **iron post** stamped "910 Ohio"	**910.203**
Edon, 2 mi. w. by 0.8 mi. s. of, at n. w corner of T road w.; painted square on top of large rock, marked "912.815"	912.74
Edon, 2 mi. w. by 2.2 mi. s. of, at n. w. corner of crossroads; spike in base of fence post, marked "891.274"	891.18
Edon, 2 mi. w. by 3 mi. s. of, at s. e. corner of T road e., on township line; **iron post** stamped "887 Ohio"	**886.588**
Edon, 2 mi. w. by 3.9 mi. s. of, at s. e. cor. of crossing of State line road and Bellefontaine road; spike in base of fence post, marked "878.940"	878.84
Point 2 mi. e. of Edon w. along highway to 2 mi. w. of Edon	
Edon, 1 mi. e. of, at s. e. cor. of + rds.; spike in base of telep. pole, marked "881.7"	881.74
Edon, e. end of, at T road s.; stone in center of e.-w. road, marked "893.3"	893.34
Edon, 40 ft. w. of s. w. cor. of pub. sq.; chiseled sq. on sidewalk, mkd. "900.181"	900.23
Edon, at n. w. corner of town hall; **iron post** stamped "897 Ohio"	**897.343**
Edon, 1 mi. w. of, at n. e. cor. of + rds.; top of rock at rd. edge marked "904.6"	904.62

Elmore Quadrangle

New Rochester along Napoleon-Fremont road via Helena to Muddy Creek (double rodded line)

Woodside, 0.5 mi. w. of, s. w. cor. of + roads, in s. side of w. abutment of culvert over ditch; **aluminum tablet** stamped "669 Toledo"	**669.135**

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	Feet
Woodside, 3.5 mi. e. of, on e. side of letter "O" used for abbreviation for OHIO on east side of iron door step, e. door of brick schoolhouse, about 0.5 mi. e. of Wood-Sandusky county line; cross mark	692.50
Rollersville, at n. e. corner of Hiruff Hotel, on stone pavement; chisel cross	689.16
Rollersville, 2.75 mi. e. of, on stone in place 3 x 1.5 ft. x 2 in. out of ground, 130 ft. e. of e. cor. of school yard, s. side of rd., 8 ft. n. of rail fence; mark	704.09
Rollersville, 3.63 mi. e. of, on s. e. corner of abutment of small iron bridge, also about 1 mi. w. of Helena; cross mark	690.17
Helena, on e. side of Weaver's store, near s. w. corner, n. side of road; **aluminum tablet** stamped "699 Toledo"	**699.109**
Helena, 1.25 mi. e. of, on top of boulder 3 x 3 x 2 ft., on n. side of road near s. e. corner of unfenced yard; cross mark	681.50
Helena, 2 miles e. of, on s. end of w. abutment of iron bridge over Muddy Creek, about 1 ft. s. of iron bed plate; chiseled cross	665.69
Luckey south via Bradner to Rising Sun	
Luckey, 0.5 mi. e. of, at four corners, s. w. corner on stone	662.81
Pemberville, 2 mi. n. of, at three corners, at s. w. corner of bridge over ditch between secs. 26 and 27, T. 6 N., R. 12 E.; on stone	649.09
Pemberville, 1 mi. e. of, in n. end of stone abut. at s. e. cor. of iron bridge over Portage River; **aluminum tablet** stamped "644 Toledo"	**643.957**
Bradner, 3 mi. n. of, at four corners, on s. e. corner of stone culvert	668.70
Bradner, at 5 corners, at n. end of town on bolt on n. side of iron rim near top of iron water plug	694 84
Bradner, 4 mi. s. of, 1 mi. w. of Rising Sun, +rds. on e. end of stone culv.	714.87
Near Rising Sun to Girton, thence north to Rollersville	
Rising Sun, 1 mi. w. of, at n. e. cor. of crossroads, in center of stone in culvert; **aluminum tablet** stamped "714 Toledo"	**715.042**
Rising Sun, 2 mi. e. of, +rds. on stone in center of crossing	714.74
Girton, 0.75 mi. s. of, at s. w. cor. on found. of large frame church, 4 cors.	715.98
Girton, at four corners, on stone in center of road crossing	721.58
Girton, 1 mi. n. of, at four corners on stone in center of road	708.87
Rollersville n. to Woodville, thence e. and s. to Helena	
Woodville, 5 mi. s. of, at four corners, on s. e. corner of w. stone abutment of small bridge over ditch, between secs. 21, 22, 27 and 28, T. 5 N., R. 13 E.	669.29
Woodville, 4 mi. s. of, at four corners, at s. w. corner of bridge over ditch, between secs. 15, 16, 21 and 22, T. 5 N., R. 13 E., on bolt	659.52
Woodville, in s. e. abutment, first step of bridge over Portage river; **aluminum tablet** stamped "630 Toledo"	**630.616**
Woodville, 3 mi. n. e. of, at three corners, on large stone at w. forks of rd., between secs. 23 and 24, T. 6 N., R. 13 E.	613.47
Elmore, 1.5 mi. s. w. of, at s. w. corner of bridge over Sugar Creek, in sec. 25, T. 6 N., R. 13 E., on bolt	615.46
Hessville, 1.5 mi. n. w. of, at Swartzman +ing of Lake Shore Electric Ry., at n. w. cor. of s. side of culvert; **aluminum tablet** stamped "636 Toledo"	**636.794**
Helena, 4 mi. n. of, in s. e. cor. of brg. over ditch, between secs. 17 and 18, T. 5 N., R. 14 E., on bolt	647.82
Helena, hor. line cut in brick in e. wall at s. e. cor. of Weavers storehouse	702.35

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Helena s. 5 miles via Millersville, thence w. to Girton

Millersville, on e. rail, n. side of +ing on Penna. Ry. track	701.22
Millersville, 2.5 mi. s. of, at four cors. on stone in center of road, between secs. 19, 20, 29 and 30, R. 14 E., T. 4 N	705.74
Kansas, 1.6 mi. n. of, at four cors., on stone at n. w. cor. of roads, between secs. 29, 30, 31 and 32, R. 14 E., T. 4 N	705.57
Millersville, 3 mi. s. of, 2 mi. n. of Kansas, in s. e. pier of iron bridge over creek; **aluminum tablet** stamped "699 Toledo"	**699.512**
Girton, 1 mi. s. by 1.25 mi. e. of, on small iron brace at n. w. cor. of bridge over Muddy Creek, between secs. 26 and 35, R. 13 E., T. 4 N	708.3

Point near Bradner s. to Fostoria (double rodded line)

Bradner, 1 mi. e. by 1 mi. n. of, on e. side of iron doorstep of brick schoolh., on letter "O"; **chiseled cross**	**691.498**
Bradner, 1 mi. e. of, on stone in the s. w. corner of crossroads	707.57
Rising Sun, in front of white church at e. end of town, **stone** center of +rds.	**719.223**
Rising Sun, 1 mi. s. of, at junction of county and township lines, in s. w. abutment of bridge over creek; chiseled square	717.57

Era Quadrangle

Darby s. w. along B. & O. S. W. Ry. via Mt. Sterling and Bloomingburg to Washington C. H.

Era, in front of station; top of w. rail	881.64
Era station, 0.5 mi. s. of, s. abutment of bridge No. 14, over Deer Creek, w. end of bridge seat; chiseled square	866.55

Point 3.1 mi. w. of Circleville along highway to Westfall, thence w. via Kinderhook, Williamsport, and Five Points to point 4 mi. s. e. of Mount Sterling

Circleville, 3.8 miles n. w. of, on Darbyville pike, n. e. corner of crossroads; **iron post** stamped "676 Ohio"	**675.772**
Circleville, about 3 miles w. of, intersection of Washington road, at n. e. corner, in fence post; copper B. M. nail, painted "U. S. T. B. M. 694.1"	694.08
Circleville, about 3 miles w. of, e. side of road, at railroad crossing; top of s. rail, marked "691"	691.06
Westfall, 0.8 mi. s. w. of, n. w. corner of T road w., in telephone pole; copper B. M. nail, painted "U. S. T. B. M. 688.5"	688.42
Westfall, 2.1 mi. w. of, 250 ft. w. of Frank Wallace's house, s. side of rd., in fence post; copper B. M. nail stamped "723.9"	723.90
Westfall, 3 miles w. of, at Fugerson schoolh., in fence post on n. side of rd.; copper B. M. nail stamped "716.4"	716.38
Kinderhook, 0.25 mi. s. of, 1,200 ft. e. of Mount Pleasant M. E. Church, in s. e. cor. of +roads; **iron post** stamped "715 Ohio"	**714.504**
Williamsport station, 1 mi. s. of, on Chillicothe road, w. side of rd., at T rd. e.; copper B. M. nail	755.66
Williamsport, 700 ft. n. of railroad crossing, in front of residence of M. Hunsicker, on steppingstone; square cut	757.95
Williamsport, on concrete step of Farmers Bank; square cut	769.85

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	Feet
Williamsport, at n. e. corner of crossroads and n. w. corner of school yard; **iron post** stamped "771 Ohio"	**771.002**
Williamsport, 1.2 miles n. of, on Chillicothe road, s. e. corner of crossroads; square cut on stone, painted "780"	779.83
Dawson, in s. w. corner of Dawson pike and crossroad, 2 miles n. of Williamsport; **iron post** stamped "Prim. Trav. Sta. No. 75—781"	**780.687**
Dawson, 1.3 miles n. of, on Williamsport and Dawson pike, at T road west (private road), in telephone pole; copper B. M. nail	770.07
Dawson, 1.8 miles n. of, on Williamsport and Dawson pike, at T road e., s. e. corner of, in top of fence post; copper B. M. nail	781.21
Pherson, s. e. corner of crossroads; **iron post** stamped "785 Ohio"	**785.258**
Five Points, 1.5 miles e. of, Five Points pike at n. w. corner of T road n. w. in top of fence post; copper B. M. nail	806 62
Five Points, in n. w. corner of crossroads; **iron post** stamped "855 Ohio"	**854.852**
Mount Sterling, 4 miles s. e. of, on Mount Sterling pike, at s. e. corner of crossroads; square cut on large stone, painted "881.6"	881.62
Point 3.8 miles n. w. of Circleville to point 1.2 miles n. w. of Fox	
Circleville, 4.8 miles n. w. of, on Florence Chapel road, w. side of s. abutment to covered bridge over Big Darby Creek, in top stone; chiseled square painted "U. S. T. B. M. 683.97"	683.93
Fox, s. w. corner of porch to store, at n. e. corner of crossroads; chiseled cross in stone, marked "717"	717.51
Fox, 1.2 miles n. w. of, 150 ft. n. w. of gate to yard of C. A. Grace in telephone pole; copper B. M. nail marked "707.8"	707.73
Point near South Bloomfield w. via roads to Robtown, thence s. to point 1.2 miles n. w. of Fox	
South Bloomfield, 1 mi. w. of, on w. end of bridge over Scioto River, on stone facing of flooring, s. end; square cut	681.64
South Bloomfield, 1.5 miles w. of, on South Bloomfield road, in s. w. corner of T road s.; **iron post** stamped "705 Ohio"	**702.973**
South Bloomfield, 2.25 miles w. of, on South Bloomfield road, s. w. corner of crossroads; square cut on large bowlder, painted "738"	735.62
Robtown, 0.8 mi. e. of, on South Bloomfield road, in telephone pole at s. e. corner of crossroads; copper B. M. nail	774.85
Robtown, s. w. corner of crossroads; **iron post** stamped "790 Ohio"	**787.402**
Robtown, 1.4 miles s. of, n. w. corner of + roads; square cut on large stone	776.62
Fox, 3 mi. n. w. of, on Florence Chapel road, n. e. corner of T road n., in corner of fence post; copper B. M. nail	734.2
Fox, 2.25 mi. n. w. of, on Florence Chapel road, s. e. corner of T rd. n., opposite Fairview farm; **iron post** stamped "727 Ohio"	**726.788**
Point 1.3 mi. s. of Williamsport station w. to point near New Holland (portion of line)	
New Holland, 7.7 mi. e. of, 1 mi. s. of Williamsport sta., s. e. corner of Clarksburg pike at crossroads; **iron post** stamped "781 Ohio"	**781.265**
New Holland, 6.8 mi. e. of, in front of Pleasant View farm, on n. side of rd.; square cut on large stone	793.36
New Holland, 5 mi. s. e. of, at n. e. corner of crossroads, in base of corner fence post; copper B. M. nail	816.01

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	Feet
New Holland, 3.8 mi. s. e. of, s. e. corner of crossroads, in front of schoolh.; **iron post** stamped "832 Ohio"	**831.986**
New Holland, 3 mi. s. e. of, in root of large hickory tree in front of J. Porter farm; copper B. M. nail	841.62
New Holland, 0.8 mi. e. of, on Circleville-Washington pike, in root of large oak tree on n. side of road at T road s. e.; screw and nut	860.21

Point 2.25 mi. n. e. of New Holland n. to point near Mount Sterling (portion of line)

New Holland, 2.25 mi. n. e. of, in root of elm tree stump at T road n. w.; screw and nut	863.04
New Holland, 3 mi. n. e. of, n. e. corner of Mouser pike and crossroad; **iron post** stamped "861 Ohio"	**861.006**
New Holland, 4 mi. n. e. of, s. w. corner of T road s. w., in root of large oak tree; steel screw and nut	852.48
New Holland, 5.5 mi. n. e. of, on angle made by road, in s. side of telephone pole on n. side of road; screw and nut	845.46
New Holland, 6 mi. n. e. of, s. e. cor. of +rds., about 300 ft. s. of Crownover Mill; **iron post** stamped "794 Ohio"	**793.525**
New Holland, 6.5 mi. n. e. of, 0.6 mi. n. e. of Crownover Mill, on top of concrete culvert across road; square cut	805.14
New Holland, 7.5 mi. n. e. of, in top of step of schoolhouse; sq. cut in stone	867.63
Mount Sterling, 4 mi. s. e. by 1.5 mi. s. of, on w. side of road, in front of residence of D. Beath; **iron post** stamped "875 Ohio"	**874.539**
Mount Sterling, 4 mi. s. e. of, on Mount Sterling road, s. e. corner of +roads; square cut on large stone	881.62
Mount Sterling, 3 mi. s. e. of, on Mount Sterling road, at T road running n., in s. w. corner; **iron post** stamped "892 Ohio"	**891.802**
Mount Sterling, 1.5 mi. s. e. of, on Mount Sterling road, at T road e.; on stone steps of brick schoolhouse; square cut	900.16

Five Points via Darbyville to Robtown

Five Points, 1 mi. n. e. of, on Darbyville pike, n. side of road, 150 ft. e. of road bridge; copper B. M. nail	834.88
Darbyville, 1.5 mi. s. w. of, on Darbyville pike, 2,000 ft. e. of farm of T. Carpenter, on n. e. corner of e. abutment of road bridge; square cut	801.94
Darbyville, in s. w. cor. of T rd. s.; **iron post** stamped "745 Ohio"	**744.552**
Darbyville, 1.5 miles n. e. of, on South Bloomfield road, s. w. cor. of T rd. s. e.; copper B. M. nail in telephone pole	812.29

Point 2 miles s. e. of Derby to Darbyville (portion of line)

Derby, 2 mi. s. e. of, on London rd., at n. w. cor. of +rds.; sq. cut on large stone	886.32
Derby, 3.5 miles s. e. of, on London road, at s. w. cor. of pike and T rd. s. w.; **iron post** stamped "845 Ohio"	**844.720**
Derby, 4.5 mi. s. e. of, on London rd., s. e. cor. of T rd. n. e.; sq. cut on stone culv.	824.55

Point 3 miles s. of Williamsport s. to Clarksburg

Clarksburg, 3.5 mi. n. e. of, north side of drive leading to residence of T. W. Overly; in side of fence post, copper B. M. nail	774.69
Clarksburg, 2.5 mi. n. e. of, s. w. cor. of road bridge marked with cross, 300 ft. e. of J. B. Hinton's house; top of iron rail set in ground	771.15

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	Feet
Clarksburg, 1 mi. n.e of, e. side of rd. on farm of George Steinhauser, 75 ft. s. of gate leading to house, in root of large tree; copper B. M. nail	768.12
Clarksburg, in town hall yard, about 30 ft. e. of s. w. cor. of building; **iron post** stamped "Prim. Trav. Sta. No. 6—Ohio—771"	**771.311**

Euclid Quadrangle

Cleveland e. along highway to Euclid

Euclid, 150 ft. e. of cor. of Euclid Avenue and Main Street, red brick 2-story building, on n. side of Euclid Avenue, at s. w. cor. in w. face of foundation stone; **aluminum tablet** stamped "653 Cleveland"	**653.055**

Warrensburg n. along highway to South Euclid

South Euclid, at s. e. corner of lower stone step at front entrance of brick schoolhouse; **aluminum tablet** stamped "977 Cleveland"	**976.911**

Felicity Quadrangle

Bantam s. e. along C. G. & P. Ry. (N. & W.) to Hamersville

Bantam, at +rds., on concrete curb of town pump; chiseled square	864.80
South Bantam, 40 ft. w. of C. G. & P. Ry. sta., in root of ash tree; iron spike	890.87
South Bantam, 0.4 mi. e. of, at crossing, in base of trolley guy pole opposite station; iron spike	895.20
South Bantam, 1 mi. s. e. of, on trestle over highway; top of rail	860.15
Bethel, 2 mi. w. of, on C. G. & P. Ry., at four roads, in base of locust tree, 100 ft. s. w. of station; bent iron spike	876.56
Bethel, 1.6 miles w. of, at road crossing; top of rail	868.66
Bethel, 0.8 mi. w. of, at rd. +ing, in root of cedar tree s. of crossing at edge of road; iron spike	875.19
Bethel, 0.2 mi. w. of, at road crossing; top of rail	887.48
Bethel, 0.1 mi. w. of, at street +ing, on top of concrete culvert; painted sq.	890.46
Bethel, near C. G. & P. Ry. sta., at +ing w. of sta., 20 ft. s. of track and 4 ft. w. of sidewalk on w. side of street; **iron post** stamped "Ohio 893"	**893.032**
Felicity switch, opposite sta., in base of trolley guy pole; iron spike	901.22
Bethel, 1.1 mi. s. e. of, at rd. +ing, 4 ft. n. of track and 8 ft. e. of rd., on concrete culvert; chiseled square	914.98
Walkers Mills, at rd. +ing, n. w. of sta., in base of cor. fence post; iron spike	926.51
Yankeetown station, 0.3 mi. n. w. of, at rd. +ing; top of rail	920.0
Yankeetown, 15 ft. n. of railway sta., on e. edge of road; **iron post** stamped "Ohio 935"	**935.015**

Bethel n. along highway to point 1.5 mi. s. of Concord

Bethel, at corner of Plane and Union Streets, on stone foundation of corner stone column of doorway of First National Bank; chiseled square	890.83
Bethel, 0.5 mi. n. of, at four rds., on n. corporation line, in teleph. pole; spike	883.16
Bethel, 1.6 miles n. of, at +rds., in root of large tree s. w. of rd. cor.; copper B. M. nail	872.97
Concord, 1.5 miles s. of, at Hayworth's cor., 30 ft. w. of rd. intersection, by fence corner; **iron post** stamped "Ohio 748"	**748.229**

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Point 1.2 mi. s. of Concord e. along highway to point 1 mile s. of Hennings Mill, thence s. and e. to Locust Ridge. (portion of line)

	Feet
Williamsburg, 4 mi. s. by 1 mi. e. of, just west of Clover Methodist Church at n. w. cor. of T pike w.; **iron post** stamped "Prim. Trav. Sta. No. 93, 1909—Ohio—895"	**895.061**
Hennings Mill, 1 mi. s. of, at T rd. w., in base of large locust tree by fence corner; bent iron spike	901.33
Hennings Mill, 2.2 mi. s. of, at T rd. w., on concrete culvert top; chiseled sq.	910.68

Bethel s. along Felicity & Bethel R. R. to Felicity, thence along highways s. to Rural, thence e. to Boudes Ferry

Bethel, 1.3 mi. s. of, at Poplar Crossing, 20 ft. n. of road and 15 ft. e. of railway, in base of locust tree on fence line; iron spike	892.88
Bethel, 1.6 mi. s. of, at road crossing; top of rail	913.7
Bethel, 2.8 mi. s. of, 750 ft. s. of T road e., at angle in highway, 30 ft. w. of track, in base of large oak tree; copper B. M. nail	928.57
Bethel, 3.3 miles s. of, at road crossing; top of rail	921.0
Mount Olive, 0.9 mi. n. of, at rd. +ing, 10 ft. s. of rd., in base of trolley pole; iron spike	905.41
Mount Olive, at crossing by railway station, on n. edge of road, 18 ft. w. of track; **iron post** stamped "Ohio 884"	**883.902**
Felicity, 2 mi. n. of, at Goodwin crossing, 10 ft. s. of road and 20 ft. e. of track, in root of elm tree; iron spike	898.50
Felicity, on Osage Avenue; top of rail	886.9
Felicity, opposite station; top of rail	911.9
Felicity, in yard of Town Hall, 10 feet west of front entrance of Town Hall; **iron post** stamped "Ohio 921"	**921.031**
Felicity, 0.6 mi. s. e. of, at T rd. n. e., in cor. fence post; iron spike	908.8
Felicity, 0.8 mi. s. e. of, at T rd. n. e., n. of rd. cor., in fence post; iron spike	897.57
Felicity, 1.1 miles s. of, at Y rds., on top of stone culvert; painted square	893.51
Cedron, at n. doorway of Presby. Church, on n. end of doorstone; chiseled sq.	542.43
Cedron, 0.5 mi. s. w. of, at T rd. w., on top of stone culv.; painted square	527.28
Cedron, 0.8 mi. s. w. of, at T road n. w., 30 ft. s. e. of bridge over brook, in root of tree; copper B. M. nail	526.21
Rural, 0.6 mi. n. of, at T rd. e., on s. w. cor. of w. stone abutment of bridge over creek, on top of cor. stone; chiseled square	499.17
Rural, at junction of river rd. and Felicity pike, 6 ft. w. of n. w. fence cor., on n. edge of river rd.; **iron post** stamped "Ohio 495"	**494.815**
Rural, 0.7 mi. s. e. of, at rd. cor. by church, on stone; painted square	502.07
Utopia, 15 ft. s. by 30 ft. w. of cen. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 29—Ohio—1910"	**510.002**
Utopia, 1 mi. e. of, at T rd. n. on stone; painted square	504.52
Utopia, 2.1 miles e. of, at T road e. of covered bridge, on s. w. corner of bridge, on stone; painted square	511.76

South Bantam s. by road to 2.9 mi. s. w. of Point Isabel

Nicholsville, 1.5 miles e. by 0.7 mi. n. of, at crossroads, on stump 20 ft. n. e. of road intersection; copper B. M. nail	890.66

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	Feet
Nicholsville, 1.5 miles e. of, T road s., 2 ft. n. of s. w. cor. fence post; **Iron post** stamped "Ohio 908"	**907.984**
Saltair, 1.3 miles n. of, at crossroads, in s. w. corner fence post; iron spike	916.90
Saltair, 0.7 mi. n. of, at T road w., in base of telephone pole; spike	910.77
Saltair, 0.5 mi. n. of, at T road e., on s. end of wooden culvert; painted sq.	901.94
Saltair, at crossroads, 15 ft. s. w. of W. E. Fess's store, in root of large maple tree; copper B. M. nail	901.46
Saltair, 1.1 miles s. of, at T road s., on top of stone; **painted square**	**888.132**
Point Isabel, 1 mi. n. of, at crossroads, in corner fence post, 20 ft. w. of road intersection; bent iron spike	888.88
Point Isabel, 0.2 mi. n. of, at T rd. w., in root of locust tree; bent iron spike	868.68
Point Isabel, 200 ft. e. of crossroads, in n. w. corner of school yard; **Iron post** stamped "Ohio 884"	**883.876**
Point Isabel, 1.6 mi. s. w. of, at T road n. w., in root of large sycamore tree, on. w. side opposite T rd.; copper B. M. nail	637.91
Point Isabel, 2.9 miles s. w. of, at four rds., 0.5 mi. s. e. of cemetery, in base of telephone pole opposite rd. s. w.; iron spike	803.74

Point 2.9 mi. s. w. of Point Isabel along highway s. w. to near Neville, thence s. e. to Rural

Point Isabel, 3.97 mi. s. w. of, on e. side of road, 80 ft. n. of res., in root of locust tree 3 ft. w. of fence line; sixty-penny spike painted "826" on fence	825.38
Neville, 4.07 mi. n. e. of, on Moscow-Felicity pike, in s. e. cor. of H. C. Bradley's field, opp. T rd. s.; **Iron post** stamped "861 Ohio", painted on fence post near	**860.515**
Neville, 2.89 mi. n. e. of, on Little Bear Creek at n. e. cor. of T rd. n., 100 ft. n. of John Gropley's res., on large limestone rock; chiseled square painted "741" on rock and fence	740.68
Neville, 2.23 mi. n. e. of, at junction of creeks, 100 ft. s. of T rd. n., on e. abut. n. side of iron bridge; chiseled circle painted "663-53"	662.55
Neville, 1 mi. n. e. of, on Bear Creek, 300 ft. e. of T road s., at n. e. corner of concrete walk leading to Flatrock Church; chiseled square painted "558" on telephone pole opposite	557.85
Neville, 1.09 mi. n. w. of, on river rd. at bridge over creek, on e. abut. s. side; chiseled square painted "490-80" on bridge girder	489.37
Neville, 10 ft. s. by 30 ft. w. of front door of school building, in ground of; **Iron post** stamped "Prim. Trav. Sta. No. 27—Ohio—1910", "500" painted on doorstep	**500.174**
Neville, 1.22 mi. e. of, on river road, on s. side of road, on fence line at s. e. corner of lane leading to Jess Cawhorn's residence, in root of walnut tree 2 ft. in diameter; copper nail and washer painted "497" on cor. fence post	497.15
Chilo, 2 mi. w. of, on river road, 250 ft. w. of John German's res., at concrete entrance, at n. e. cor. of large barn, on s. side of rd.; chiseled sq. painted "503" on telephone pole opposite	502.77
Chilo, 1.31 mi. w. of, 400 ft. w. of M. G. Easter's res., 20 ft. w. of T rd. n., on e. abut. n. side of iron brdg.; chis. sq. painted "497-83" on brdg. girder	496.86
Chilo, at n. e. cor. of river rd. and Felicity pike, n. part of town, 10 ft. e. of cor. fence post; **Iron post** stamped "508 Ohio", painted on telephone pole	**507.641**
Rural, 1.84 mi. n. w. of, on river rd., 20 ft. w. of T rd. n., 15 ft. e. of small wooden brdg. on s. side of rd., 200 ft. w. of I. Lawerence's res., in top of cottonwood stump; copper nail and washer painted "496" on stump	495.61
Rural, 1.04 mi. n. w of, on river rd., 300 ft. e. of R. H. Fay's farm res., on w. abut. s. side of iron brdg.; chiseled sq. painted "491" on brdg. girder	490.99

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Near Neville via roads n. to Clermontville, thence n. e. to point 1 mi. e. of Nicholsville

	Feet
Neville, 1.9 mi. n. w. of, on river rd., 100 ft. w. of C. R. Wile's res., on w. abut. s. side of brg.; chiseled sq. "515" painted on bridge railing.....	514.55
Moscow, 0.98 mi. s. of, on river rd. directly opposite lane to George Trobe's res., 12 ft. n. of small brdg., 2 ft. w. of fence line, in base of telephone pole; sixty-penny spike, 2 in. above ground, painted "519" on telephone pole	518.34
Moscow, 0.38 mi. s. of, at junct. of river rd. with Moscow and Felicity pike, in forks of rd.; **iron post** stamped "500 Ohio", "500" painted on teleph.pole	**499.428**
Moscow, 0.64 mi. n. of, on river road, 100 ft. n. of T road n., on s. abutment e. side of iron bridge; chiseled square painted "492-77" on bridge girder.	492.23
Point Pleasant, 0.81 mi. s. of, on river rd., 800 ft. s. of J. F. Cheese's res. on s. end of w. parapet to concrete culv.; chiseled sq. painted "514" on parapet	513.29
Point Pleasant, 680 ft. s. of postoffice, 60 ft. n. of T road e., 50 ft. n. of farm residence, on e. side of road, 2 ft. w. of fence; **iron post** stamped "496 Ohio"	**495.978**
Point Pleasant, 0.8 mi. n. w. of, on river road opposite Mrs. Edward Cox's residence, 200 ft. w. of T road n., 10 ft. e. of s. e. cor. of blacksmith shop, in top of locust stump; copper B. M. nail" 504" painted on blacksmith shop	503.92
Clermontville, 0.79 mi. s. e. of, on river road, 100 ft. s. of John Rahoni's res.; on wing wall at n. w. cor. of small brdg.; chiseled sq. painted "503" on bridge	502.62
Clermontville, 0.43 mi. n. e. of, in forks of road, on e. end of 2nd step at front gate entrance to M. F. Friedman's res.; chiseled sq., "530" painted on telephone pole 60 ft. east..	529.96
Clermontville, 1.62 mi. e. of, on pike, on e. end of step in front of Lafayette schoolhouse; chiseled square, "820" painted on face of step.....	819.73
Clermontville, 2.83 mi. e. of, on Clermontville and Laurel pike, at n. w. cor. of T road n., on wing wall to small culv.; chiseled sq., "856" painted on rock	856.16
Clermontville, 3.47 mi. n. e. of, at n. e. cor. of T rd. e., 300 ft. n. of R. D. Iveton's residence, on n. end of small stone culv.; chiseled sq., "890" painted on rock	889.76
Clermontville, 4.33 miles n. e. of, on pike, 40 ft. n. of lane leading to G. O. Ketchum's residence, on fence line at e. side of rd. in root of maple tree 1 ft. in diameter; copper B. M. nail and washer, "890" painted on tree ...	890.24
Nicholsville, 1.75 miles w. of, at n. e. cor. of +roads on New Richmond rd., directly in front of M. Rich's residence; **iron post** stamped "895 Ohio".....	**894.362**
Nicholsville, 0.66 mi. w. of, on New Richmond road, 50 ft. e. of cor. of T rd. s., directly in front of Jackson schoolhouse, in root of maple tree 40 in. in diameter; copper B. M. nail and washer, "878" painted on tree	877.97
Nicholsville, in n. end of cemetery, 60 ft. n. of Baptist Church, 4 feet s. of fence line, in root of walnut tree 2 ft. in diameter; copper nail and washer, "871" painted on telephone pole 35 feet east.....	870.40
Nicholsville, 1 mi. e. of, 600 ft. e. of E. A. McMurchy's res., on s. side of rd. 4 ft. n. of fence line, in root of 1-ft. maple tree; copper B. M. nail, "905" painted on fence	905.20

Point 1.7 mi. w. of Nicholsville via rds. n. w. to near Mount Pisgah, thence n. e. to Hamlet

Nicholsville, 2.31 mi. w. of, on New Richmond road, 35 ft. e. of J. H. Sapp's res., 10 ft. n. of n. fence line in small lot, in root of 24-in. black oak tree; copper B. M. nail, "882" painted on fence.....	881.81
New Richmond, 4 miles e. of, 400 ft. w. of Lewis Pickett's residence, 30 ft. n. of small bridge, 200 ft. n. of old cemetery, in root of elm tree 20 inches in diameter on e. fence line; copper B. M. nail, "807" painted on tree.....	806.93
New Richmond, 4.17 miles n. e. of, on Twelvemile Creek, 240 ft. s. of T rd., ., at the n. e. cor. of I. C. Jett's garden, on limestone rock 1 foot e. of one wall; chiseled square, "634" painted on post 10 feet north..	633.34

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	Feet
New Richmond, 3.13 mi. n. e. of, 250 ft. e. of James Edwards's res., at s. e. cor. of bridge over Twelvemile Creek, on inside cor. of fish plate; chiseled square, "567-54" painted on bridge girder	567.26
Mount Pisgah, 1.1 mi. s. w. of, on top of large hill, on w. side of rd., opposite George Kourt's res., in base of teleph. guy pole; sixty-penny spike, 2 in. above ground, "817" painted on telephone pole	816.94
Mount Pisgah, at s. w. cor. of T rd. n., 40 ft. s. of B. McGrain's general store, 2 ft. n. of fence; **iron post** stamped "813 Ohio"	**813.128**
Mount Pisgah, 0.79 mile n. e. of, on pike at the n. e. corner of J. K. Love's yard, on large granite boulder; chiseled square, "891" painted on rock	890.52
Lindale, at s. e. cor. of +roads, 60 feet e. of A. C. J. Wheeler's general store, in s. w. cor. of foundation of scales; copper nail and washer, "892" painted on scales foundation	891.43
Lindale, 1.07 mi. n. of, in n. e. cor. of district No. 5 schoolyard, in root of locust tree; copper B. M. nail, "878" painted on tree (On Batavia Quad)	877.47
Higginsport w. 2 mi., thence n. to Hamersville (portion of line)	
Boudes Ferry, n. w. cor. of T rd. n. up hill and rd. s. to Ohio River; **iron post** stamped "501"	**501.179**
Boudes Ferry, 1.2 mi. n. of, s. e. cor. of rd. forks, in teleph. pole; spike marked "867.7"	867.69
Boudes Ferry, 3.1 mi. n. e. of, on s. side of road at road forks, in base of telephone pole on n. bank of Bull Skin Creek; spike marked "758.0"	757.85
Feesburg, 2.2 mi. s. by 1.2 mi. s. e. of, n. side of rd. at forks, at Barr schoolhouse; **iron post** stamped "904"	**904.416**
Feesburg, 2.2 mi. s. of, n. e. corner of road forks, 4 ft. n. of mailbox, in base of 8-inch locust tree; spike marked "839.4"	839.41
Feesburg, 1 mi. s. of, on e. side of road at forks of Higginsport and Felicity pikes, in base of fence post; spike marked "866.4"	866.36
Feesburg, s. w. cor. of T rd. w., 7 ft. n. of pump, in base of telephone pole; spike marked "941.95"	941.94
Feesburg, 0.5 mi. w. of, on n. side of road at T road s., at Rose Cemetery; **iron post** stamped "Prim. Trav. Sta. No. 24—1910—932"	**932.175**
Feesburg, 1.3 mi. w. of, s. side of road, in teleph. pole; spike marked "910.163"	910.15
Locust Ridge s. to Hamersville, thence s. e. to point near Georgetown (portion of line)	
Locust Ridge, at n. e. cor. of schoolhouse (subdistrict No. 1) yard, 10 ft. s. of road; **iron post** stamped "919"	**918.641**
Locust Ridge, 0.7 mi. e. by 2.2 mi. s. of, s. e. cor. of T road e., in base of fence post; spike marked "920.6"	920.61
Hamersville, 1.25 mi. n. w. by 0.4 mi. n. of, s. e. cor. of +rds., in s. end of wooden drain; spike head painted white, marked "934.3"	934.38
Hamersville, 1.25 mi. n. w. of, s. e. cor. of crossroads, in base of telephone pole; spike marked "940.358"	940.38
On left shore of Ohio River (U. S. Army Engineers' precise line)	
Wellsburg, Ky., about 2.5 mi. above, 42.5 mi. above Cincinnati via C. & O. Ry.; Army Engineers' U. S. B. M. 429-A, on C. & O. Ry. culv. over Wrangling Run; **cut** on third course of stone from top of culv., on w. wing wall at n. end of culv., Elev. 473.519	**472.990**
Wellsburg, Ky., about ½ mi. above, on C. & O. Ry. bridge No. 625.1 over Big Locust Cr. Army Engineers' U. S. B. M. 431-A; **cut** 10 ft. from s. side of w. abut. on 3rd course of stone from ground (1900) facing creek, Elev. 461.094	**460.565**

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	Feet
Foster, Ky., on C. & O. Ry. girder bridge over Holts Creek, Army Engineers' U. S. B. M. 437-A, on n. e. cor. of w. abut.; **cut** on top of base stone (near ground), Elev. 458.221	457.690
Carntown, Ky., 3000 ft. below, on C. & O. Ry. culv. over Little Stepstone Creek, Army Engineers' U. S. B. M. 440-A; **cut** on 8th course of stone above base stone of downstream wing wall, Elev. 472.833	472.301

Findlay Quadrangle

Point east of Bloomdale north 6 miles

Bloomdale, 2.5 mi. e. of, on s. w. abut. of culv. over ditch at +rds., cross cut	754.26
Bloomdale, 1.25 mi. e. of, at center of crossroads, on stone	741.43
Bloomdale, 1.25 mi. e. by 1.5 mi. n. of, s. e. cor. of +rds., on stone culv.; + mark	733.23
Bloomdale, 3.25 mi. n. by 1.25 mi. e. of, 50 ft. s. of T rd. to e., on w. abut. of culvert, on n. e. corner of stone	711.20
Bloomdale, 5.75 mi. n. by 1.25 mi. e. of, at center of T road, 1 mi. s. of tie point, on stone; cross mark (on Bowling Green Quad)	701.71

Point 1.5 mi. e. of Bloomdale w. to point 2.5 mi. w. of North Baltimore thence n. 6 mi.

Bloomdale, 1 mi. w. of, at n. w. cor. of culvert over ditch, at s. side of rd., at Standard Oil Company's office, on stone abutment; cross mark	742.29
Bairdstown, 0.5 mi. e. of, at n. e. corner of T road, 0.13 mi. n. of B. & O. Ry. crossing, on stone; cross mark	735.51
North Baltimore, 1.3 mi. e. of, in w. side of door step to schoolh.; chiseled cross	735.17
North Baltimore, at n. w. corner of +rd., corner of Water and Main streets e., in curbstone; **L cut**	732.719
North Baltimore, 2.5 mi. w. of, at n. w. corner of bridge culvert over ditch in n. e. corner of T road, in stone abutment; cross mark	718.58
North Baltimore, 2.5 mi. n. by 2.5 mi. w. of, at cen. of +rds., on little stone; cross mark	704.14
North Baltimore, 4.5 mi. n. by 2.5 mi. w. of, on corner of stone at s. e. cor. of crossroads, stone is at e. end of culvert; cross mark	695.70

Galatea south to Findlay

Van Buren, 1 mi. e. by 1 mi. s. of, at four corners, on stone at s. e. crossing	794.1
Findlay, in n. front of courthouse, e. of n. entrance; **aluminum tablet** stamped "779 Toledo"	780.181

7 mi. w. of Arcadia via Arcadia to 5 mi. s. of same, thence w. to Findlay

Findlay, 5 mi. n. e. of, on Findlay and Fremont pike, at four cors. on n. w. cor. of stone culv., w. side of rd., between secs. 21 and 28, T. 2 N., R. 11 E.	796.47
Arcadia, 1.25 mi. s. of, at s. e. cor. of small iron bridge over ditch, on bolt	819.73
Arcadia, 3 mi. s. of, at four cors., on stone culv., n. w. of +ing,	817.78
Findlay, 7 mi. e. of, at three cor. on River road, at n. w. cor. of small brg. over ditch, between secs. 17 and 18, R. 12 E., T. 1 N	793.22
Findlay, 6 mi. e. of, on River rd., at 3 cors. on n. end of e. abut. of small wooden brg. over ditch, between secs. 19 and 24, R. 11 and 12 E., T. 1 N.	787.93
Findlay, 5.5 mi. e. of, T. 1 N., R. 11 E., sec. 24, in stone abutment at n. e. cor. of bridge over The Outlet, 0.5 mi. e. of its junction with Blanchard River; **aluminum tablet** stamped "786 Toledo"	786.356

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	Feet
Findlay, 3 mi. e. of, on River rd., on s. e. cor. of e. stone abut. of large iron brg. over Blanchard River, in sec. 21, T. 1 N., R. 11 E	783.04
Findlay, 2 mi. e. of, on River rd., at 4 cors. on s. end of stone culv. to the e. at cor. of secs. 16, 17, 20, and 21, T. 1 N., R. 11 E	782.73
Findlay, at C. C. C. & St. L. Ry. station, at n. w. cor. of top of curbstone, 1 ft. s. of railroad track	777.64
Findlay west 5 miles	
Findlay, 2 mi. w. of, at junc. of angling rd. and sec. line rd., on stone to e., s. side of oil pipe, between secs. 15 and 22, T. 1 N., R. 10 E	788.00
Findlay, 4 miles w. of, in e. cor. of s. e. abutment of iron brg. over small creek; **aluminum tablet** stamped "771 Toledo"	**771.487**
Findlay, 5 mi. w. of, on angling rd., at 4 cors., on stone in cen. of +ing, in sec. 20, T. 1 N., R. 10 E	779.91
Findlay, 5 mi. w. of, at cov. wooden brg. over Blanchard River, on stone w. of, in cen. of rd., between secs. 8 and 17, T. 1 N., R. 10 E	760.44
Near Oil Center	
Oil Center, T. 3 N., R. 11 E., sec. 18, s. side of, in n. w. abut. of iron bridge over Rocky Ford; **copper bolt** stamped "709 Toledo"	**709.229**
Bloomdale n. w. along B. & O. Ry. to point 0.5 mi. w. of North Baltimore (precise line)	
Bloomdale, 1.5 mi. e. of, in s. end of e. abut. of iron highway brg.; **aluminum tablet** stamped "740 Toledo"	**740.625**
Bloomdale, 0.8 mi. e. of, at city limits, at n. e. cor. of rd. junc. close to rail fence; **chiseled square** on top of stone post lettered "U.S.B.M."(C. & G. S. B. M. E6)	**742.974**
Bloomdale, s. w. cor. of Main Street and Second Street, n. of B. & O. Ry. tracks, in brick building used as hardware store, in n. end of stone sill; **square cut** in outline marked "749 Bloomdale"	**749.771**
Bloomdale, at cor. of Garfield and Mulberry Sts., main entrance of Trinity M. E. Church, in top face of 2d step; **red metal disk** (C. & G. S. B. M. F6)	**752.238**
Bairdstown, on Randolph Ave., 328 ft. s. of B. & O. Ry. station, in s. doorstep of double house belonging to E. Knodle; **square cut** (C. & G. S. B. M. H6)	**739.553**
Galatea, on B. & O. Ry. right-of-way, 492 ft. e. of T. & O. C. Ry. +ing, on upper step of n. w. abut. of large culvert; **chiseled square** marked "U.S. B. M." (C. & G. S. B. M. I6)	**727.458**
North Baltimore, w. side of Main Street, 131 ft. n. of B. & O. Ry. tracks, in n. end of the sill of s. part of double store marked "A. J. Steele, 1900"; **red metal disk** (C. & G. S. B. M. J6)	**734.018**
North Baltimore, 0.5 mile s. of, in s. abut. of iron bridge over creek; **bronze tablet** stamped "726 Toledo"	**726.640**
North Baltimore, 0.5 mi. w. of, at n. e. cor. of intersection of Broadway and St. at city limits; **red metal cap** on iron post (C. & G. S. B. M. K6)	**727.559**

Flushing Quadrangle

Bannock w. along C. L. & W. Ry. to Piedmont
(corrected to accord with adjustment of B. & O. precise level line)

Laferty, 0.5 mi. w. of, bridge No. 162, on n. end of w. abut.; **bronze tablet** stamped "1032 Steubenville"	**1031.892**

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	Feet
Flushing, s. side of Main Street, Dr. Barricklow's dwelling, in n. foundation wall of; **aluminum tablet** stamped "1319 Steubenville"	**1319.380**
Piedmont, just e. of railroad crossing at station, on bridge seat at n. w. corner of county brdg.; **bronze tablet** stamped "889 Steubenville"	**889.800**
At Belmont	
Belmont, on water tank, on s. side of Belmont National Bank building; **aluminum tablet** stamped "1188 Steubenville"	**1187.457**
Fairview e. to Hendrysburg, thence s. to Barnesville	
Fairview, on s. side of Main St., horse block in front of U. P. Church; **aluminum tablet** stamped "1237 Steubenville"	**1237.273**
Fairview, 2.3 mi. e. of, 1 mi. w. of Hendrysburg, near w. end of crooked brg., on top of coping of s. side; chiseled square	1098.03
Hendrysburg, 1.4 mi. e. of, at forks of National Rd. and pike to Barnesville, at s. end of small bridge, on top of stone across abut.; chiseled square	955.04
Piedmont n. e. along county roads to Elk Run	
Piedmont, 4.8 mi. n. e. of, n. end of Beatty Carother's barn, to right, on wing wall, at cen. of; **aluminum tablet** stamped "1264 Steubenville"	**1264.097**
Elk Run to Barretts bridge	
Cassville, porch in front of postoffice and store bldg. to n. of rd., on stone at s. w. corner; chiseled sq	1246.62
Cadiz south along road to Flushing	
Cadiz, 1.3 mi. s. of, 400 ft. s. of barn w. of rd., on brg. No. 25; chiseled sq.	1074.00
Newcastle to Barnesville (portion of line)	
Hunter, 4.1 mi. n. of, 1 mi. s. of Bethesda, at rd. forks, n. e. of n. end of wooden drain, in stone; square cut	1162.87
Bethesda, 1.5 mi. s. w. of, at lane s., in middle of road. on stone; cross	1256.47
Barnesville, 5 mi. n. e. of, at rd. n., s. of rd., 50 ft. w. of sign, in stone; sq. cut	1296.09
Barnesville, 2.2 mi. n. e. of, at road n. across track, n. of road and 100 ft. s. of fork, in stone of drain; square cut	1263.68

Fort Recovery Quadrangle

Point 1 mi. w. of St. Anthony s. along Ohio-Indiana line 9 mi., thence e. to Goulder schoolhouse.

Fort Recovery, 1.25 mi. w. by 5.5 mi. n. of, on Ohio-Indiana line; **iron post** stamped "Prim. Trav. Sta. No. 24—898"	**897.840**
Fort Recovery, 1.25 mi. w. by 4.5 mi. n. of, on e. side of rd. on Ohio-Indiana State line, in root of 20-in. walnut tree **copper** B. M. **nail**	**898.184**
Fort Recovery, 1.25 mi. w. by 3.5 mi. n. of, 6 ft. e. of fence cor. on fence line, on rock; chiseled square	908.49
Fort Recovery, 1.25 mi. w. by 2.3 mi. n. of, on Ohio-Indiana line, in center of concrete header at the n. w. cor. of T rd. w.; chiseled square	945.12
Fort Recovery, 1.25 mi. w. by 1 mi. n. of, on Ohio-Indiana State line, on e. side of rd., 1 ft. w. of fence, 20 ft. s. of lane leading to David Jones' residence; **iron post** stamped "974 Ohio"	**974.014**

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	Feet
Fort Recovery, 1.25 mi. w. of, 195 ft. s. of Erie Ry., on Ohio-Indiana State line, in cen. of wing wall at n. w. cor. of concrete bridge; chiseled square	922.76
Fort Recovery, 1.5 mi. s. w. of, on Ohio-Indiana State line at n. e. cor. of +rds., on e. end of steel drain tile; highest point	955.49
Fort Recovery, 1.5 mi. s. w. by 1 mi. s. of, on Ohio-Indiana State line, on cen. of e. header to concrete culv.; chiseled square	974.51
Fort Recovery, 1.5 mi. s. w. by 1.5 mi. s. of, on Ohio-Indiana State line, on n. end of e. header to concrete culv.; chiseled square	975.66
Fort Recovery, 3 mi. s. by 1.2 mi. w. of, in cen. of T rd. e.; **iron post** stamped "Prim. Trav. Sta. No. 43, Ohio—1910—999"	**998.630**
Fort Recovery, 3 mi. s. of, n. e. cor. of +rds., on n. end of steel drain; highest point	1018.87
Fort Recovery, 3 mi. s. by 0.8 mi. e. of, in cen. of rd. at T rd. s., on cor. stone; highest point	1030.72
Point 3 mi. s. of Fort Recovery s. along Ohio-Indiana line	
Fort Recovery, 4 mi. s. by 1.2 mi. w. of, on Ohio-Indiana State line, on n. end of e. concrete girder to concrete bridge; chiseled square	1022.54
Fort Recovery, 4.9 mi. s. by 1.2 mi. w. of, on Ohio-Indiana State line, at s. e. cor. of concrete bridge; chiseled square	1049.81
Fort Recovery, 6.1 mi. s. by 1.2 mi. w. of, on Ohio-Indiana State line, in cen. of parapet, on e. end of concrete culv.; chiseled square	1077.39
Fort Recovery, 7 mi. s. by 1.2 mi. w. of, on Ohio-Indiana State line, at the n. e. cor. of T rd. e.; **iron post** stamped "1061 Ohio"	**1065.281**
Union City, 6.9 mi. n. of, 10 ft. e. of n. e. cor. fence post, on fence line, on large flat rock; chiseled square	1010.97
Point 6 mi. w. of Rossburg, w. to Ohio-Indiana line, thence s. 2 miles	
Union City, 5.9 mi. n. by 2 mi. e. of, in root of maple tree; copper B. M. nail	1020.90
Union City, 5.9 mi. n. by 1 mi. e. of, directly in front of brick schoolhouse, 20 ft. n. of fence, in root of buckeye tree; copper B. M. nail	1015.68
Union City, 5.9 mi. n. of, on Ohio-Indiana State line, at s. e. cor. of T. rd. e., at s. end of steel drain under road; on top of **flange** highest point	**1019.098**
Union City, 4.9 mi. n. of, on Ohio-Indiana State line, on n. w. cor. of + roads in root of 3 ft. black oak tree; copper B. M. nail	1028.38
Union City, 3.9 mi. n. of, on Ohio-Indiana State line, 150 ft. s. of T rd. e., on n. e. cor. of e. end of concrete walk to George Nelzley's res.; chiseled square	1043.31

Fostoria Quadrangle

Near Longley (on double rodded line)

Longley, at n. w. cor. of T rd., 150 yards n. of railroad +ing, in stone; cut	729.87
Longley, 0.8 mi. s. of, in s. e. abut. of iron brg. over cr.; **aluminum tablet** stamped "736 Toledo"	**737.027**
2 mi. s. of Longley e. 7 mi. and n. via Kansas to 2 mi. n. of same	
Longley, 1.75 mi. s. of, in cen. of rd. at +roads, in n. root of tree; **nail**	**752.373**
Longley, 2 mi. s. by 2 mi. e. of, at s. e. cor. of +roads, in stone; cross cut	750.83
Longley, 5.5 mi. e. by 2 mi. s. of, in n. e. end of brg. +ing, Wolf Creek; bolt	735.42

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Bascom, 5.3 mi. n. of, in s. w. abut. of iron brg.; **aluminum tablet** stpd. "725 Toledo"	**725.910**
Kansas, 1 mi. s. of, at s. w. cor. of rd. fork, in stone abut.; chiseled cross...	730.85
Kansas, in n. w. cor. of hotel building, stone on porch; cross cut.....	730.07

Fostoria east to Bascom and north 5 miles

Fostoria, 3 miles e. and s. of, along Tiffin Pike, on n. e. cor. of bridge over creek, near slaughter house; bolt	771.22
Bascom, at n. w. cor. of +rds, at Crumm's general store, in stone +ing; **+cut**	**776.527**
Bascom, 2.5 mi. n. of, at n. w. cor. of +roads; top of stone.....	756.89
Bascom, 3.5 mi. n. of, at cen. and n. side of +roads; cross cut.....	753.89
Bascom, 5 mi. n. of, at s. w. cor. of rd. forks, in stone culv.; chiseled cross..	728.87

Bascom s. 5 mi., thence w. 6.2 mi., thence n. to Fostoria

Bascom, 2.5 mi. s. of, in stone at cen. of +roads; cross cut	785.80
Bascom, 3.75 mi. s. of, in stone at cen. of +roads; cross cut	788 92
Bascom, 5 mi. s. of, in stone step of schoolhouse at +roads; **chisel square**...	**811.534**
Bascom, 5 mi. s. of, 100 yd. w. of schoolh. at +rds., in n. w. abut. of stone culv. over creek; **aluminum tablet** stamped "805 Toledo"	**805.389**
New Riegel, 1 mi. n. by 2 mi. w. of, at +rds., in stone step of schoolh; chiseled +.	826.30
Alvada, 1 mi. n. of, at crossroads, in step of schoolhouse; chiseled cross....	837.68
Fostoria, 4.75 mi. s. of, at s. e. cor. of +roads, in stone culvert; cross cut..	812.76
Fostoria, 3 mi. s. of, in n. e. cor. of culvert at s. w. cor. of +roads; + cut..	791.42
Fostoria, 2 mi. s. of, at s. door of schoolh. at +roads; + cut in stone steps.	790.57

1 mi. n. of Alvada s. 3.7 mi., thence e. to Adrian and n. via Berwick to point 1.7 mi. n. e. of New Riegel

Alvada, 1 mi. s. of, on stone at cen. of rd. at +rds.; cross mark.....	847.16
Alvada, 2 mi. s. of, in stone at n. w. abut. of iron brg. over creek; **aluminum tablet** stamped "815 Toledo".....	**815.503**
Adrian, 2 mi. w. of, at n. w. cor. of crossroads, on red rock; crossmark.....	830.84
Adrian, 1 mi. n. of, cen. of +rds., at n. w. cor. of schoolh., in stone; +cut...	846.99
Berwick, at n. w. cor. of +rds. opposite hotel, in stone; cross.....	843.15
Berwick, 1 mi. n. by 0.5 mi. e. of, at T rd., at s. e. cor. of stone step in schoolhouse; cross cut	835.88

Near West Independence

West Independence, 0.5 mi. n. of, in s. w. abutment of iron bridge over creek; **aluminum tablet** marked	**819.204**
West Independence, s. w. cor. of +rds., e. door of church, in stone step; +cut	838.68
West Independence, 2 mi. w. of, at s. e. cor. of +rds., in stone culv.; cross cut	846.18

Near Fostoria

Fostoria, 3.5 mi. w. of, at n. w. cor. of +rds. 100 yards west of B. & O. Ry. +ing; cross on post	775.47
Fostoria, 3.5 mi. w. by 2 mi. s. of, on stone at s. e. cor. of +rds.; cross cut·	786.98

Bascom n. w. along B. & O. Ry. to pt. 2.5 mi. w. of Fostoria (precise line)

Bascom, about 2 mi. e. of, on B. & O. Ry. right-of-way, 492 ft. w. of milepost 243, n. end of w. abut. of brg. 68 over Wolfe Creek; **chiseled square** marked "U. S. B. M." (C. & G. S. B. M. V5).....	**764.762**

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	Feet
Bascom, about 1 mi. e. of, 296 ft. w. of milepost 242 and 82 ft. s. of B. & O. Ry. trk., on the farm of Joseph Leonard, disk at n. e. corner of junction of rds.; **red metal cap** on iron post (C. & G. S. B. M. W5)	**778.241**
Bascom, near Crumm's store, at n. w. corner of crossroads, in bottom of round hole in stone used for crossing; **cross marked** "776 Bascom"	**776.527**
Bascom, 0.2 mile s. of, s. of cemetery, in s. w. abutment of iron highway bridge over creek; **aluminum tablet** stamped "766 Toledo"	**767.305**
Bascom, about 2 miles w. of, on B. & O. Ry. right-of-way, rd. +ing, at milepost 239, 16.4 ft. n. of track on top step of e. side of sandstone culv.; **red metal disk** (C. & G. S. B. M. X5)	**768.370**
Fostoria, about 3 miles e. of, on B. & O. Ry. right-of-way, in n. end of w. abut. of steel girder bridge over Racoon Creek; **chiseled square** marked "U.S.B.M." (C. & G. S. B. M. Y5)	**767.703**
Fostoria, about 2 mi. e. of, on B. & O. Ry. right-of-way, on n. side of track; **copper bolt** in cen. of the capstone of culv. (C. & G. S. B. M. Z5)	**768.261**
Fostoria, n. w. cor. of Jones and Main Streets; top surface of **check valve** of the city water plug, marked "778 Fostoria"	**779.853**
Fostoria, cor. of Main and Center Streets, in s. w. cor. of First National Bank Building, e. side of Center Street entrance, in vertical surface of the water table; **red metal disk** (C. & G. S. B. M. A6)	**781.072**
Fostoria, at s. e. cor. of Tiffin and Union Streets, 1 meter from curb, in top of stone post; **chiseled square** marked "U.S.B.M." (C. & G. S. B. M. B6)	**782 877**
Fostoria, 2.5 mi. w. of, at +ing, 164 ft. n. of B. & O. Ry. tracks, in w. end of s. abut. of small highway brdg. over creek; **copper bolt** (C. & G. S. B. M. C6)	**773.584**
Godsend, near, on B. & O. Ry. right-of-way, 492 ft. w. of water tank, n. end of w. abut. of steel girder brdg. **copper bolt** (C. & G. S. B. M. D6)	**754.453**

Frazeysburg Quadrangle

Trinway south five miles

Trinway, crossing of Pennsylvania and C. & M. V. Ry.; top of rail	730.1
Trinway, at s. w. cor. of Pennsylvania station, in top of stone curb around cellar window; **aluminum tablet** stamped "731"	**731.160**
Dresden, 1 mi. n. of, in front of mi. post "T-1"; top of rail set vertically in ground e. of track, marked "B. M. 735"	735.40
Dresden, 30 ft. e. of C. & M. V. Ry., near n. w. cor. of public school grounds; **iron post** stamped "Prim. Trav. Sta. No. 54—740"	**740.254**
Dresden, in front of station; top of rail	739.3
Ellis, 5.5 mi. n. of, opposite milepost "T-3;" w. of track; top of rail set vertically in ground, marked "B. M. 745"	745.21
Ellis, 4.5 mi. n. of, w. of track, opposite milepost "T-4"; top of rail set vertically in ground, marked "B. M. 752"	752.42
Ellis, 3.5 mi. n. of, w. of track, opposite milepost "T-5"; top of rail set vertically in ground, marked "B. M. 724"	723.75

Hanover e. along Pennsylvania Railroad to Trinway

Hanover, 2.4 miles e. of, in stone abut. on n. side of rock drive under railroad used as a culv.; **aluminum tablet** stamped "813"	**813.260**
Black Run, 530 ft. s. of, in n. abut. w. side of small iron brdg. over Black Run; **aluminum tablet** stamped "766"	**766.129**
Frazeysburg, in 2nd step of e. doorstep, city bldg.; **aluminum tablet** stamped "757"	**757.237**

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Frazeysburg, 2.5 mi. e. of; w. clamp on top of arch stone bridge, n. side of ry.	746.60
Frazeysburg, 3 mi. e. of, on s. abut. of brg. over ry., 50 ft. n. of n. trk.; chisel mark	758.34
Frazeysburg, 3 mi. e. of, 60 ft. s. of s. track, in base rock of overhead road brdg. over Penn. Ry.; **aluminum tablet** stamped "768"	**768.458**

Trinway n. along C. A. & C. Ry. to Cooperdale, thence w. and s. along rds. to Black Run

Trinway, 0.5 mi. n. of, 50 ft. n. of wagon rd., in e. side of n. abut. of C. A. & C. Ry. brg. over canal; **aluminum tablet** stamped "737"	**737.286**
Trinway, 2 mi. n. of, on n. abutment, w. side of small bridge; chisel mark	736.27
Wakatomika sta., 0.13 mi. n. w. of, in e. abut. n. side of covered bridge; **aluminum tablet** stamped "756"	**756.014**
Cooperdale, 0.7 mi. s. of, on n. abutment w. side of small brg.; chisel mark.	768.12
Cooperdale, 0.2 mi. n. of, in s. abut. w. side of ry. brg.; **aluminum tablet** stamped "775"	**775.361**
Cooperdale, 1.8 mi. w. of, on large stone at forks of road; chiseled mark	1036.70
West Carlisle, 123 ft. n. w. of Presbyterian Church, in s. w. cor. of lot of H. M. Robinson; **iron post** stamped "Prim. Trav. Sta. No. 55"	**1057.260**
West Carlisle, 800 ft. w. of, in found., w. side, M. E. Church 5 ft. from s. w. cor.; **aluminum tablet** stamped "1040"	**1039.813**
West Carlisle, 3.4 mi. w. of, in s. abut. on w. side of iron brdg. over Winding Fork of Wakatomika Creek; **aluminum tablet** stamped "822"	**822.103**
Wright schoolh., 1.7 mi. n. of, on e. abut., s. side of small iron brg.; chisel mark	826.17
Perryton, 3 mi. n. of, on n. end, e. side of Wright schoolh., 30 ft. from wagon rd., in foundation; **aluminum tablet** stamped "801"	**801.442**
Perryton, 3 mi. n. of, in large rock in center of road; chisel mark	807.9
Perryton, 2 mi. n. of, on small bridge on s. abutment w. side, at T road, top of post; chisel mark	786.9
Perryton, n. e. cor. of found. of schoolh.; **aluminum tablet** stamped "800"	**800.246**

Dillon n. w. along Baltimore and Ohio Ry. to Toboso

Dillon, 3.6 mi. n. w. of, in n. e. abut. of ry. brg.; **aluminum tablet** stamped "726"	**726.287**
Pleasant Valley, in front of sta., s. side of trk., in teleg. pole; spike marked "733"	732.96
Nashport, in front of station; top of rail at road crossing	758.2
Nashport, 0.1 mi. w. of, s. of track, in s. abut. of concrete culv.; **aluminum tablet** stamped "758"	**757.453**
Toboso, in s. e. cor. of station platform; **aluminum tablet** stamped "780"	**780.020**
Toboso, in front of station; top of rail	778.7
Toboso, 0.97 mi. w. of, on concrete culv., s. side of trk.; chis. sq. marked "782"	782.01
Toboso, 1.93 mi. w. of, on end of drain, s. side of track; chiseled sq. marked "778"	778.36

Nashport southwest to Cottagehill

Cottagehill, 0.2 mi. s. of, in s. abut. e. side of small bridge; **aluminum tablet** stamped "877"	**876.920**

Fredericktown Quadrangle

Croton easterly via Lock to Homer

Lock, 1.62 mi. w. of, covered brdg. over creek on county line, w. abut., n. end of bridge seat; **aluminum tablet** stamped "1118"	**1117.333**

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	Feet
Lock, 2.04 mi. e. by 0.5 mi. s. of, 200 ft. w. of + rds., coping at south end of culv.; **aluminum tablet** stamped "1067"	**1066.944**
Homer, in n. w. part of public school grounds, 78 feet n. of n. w. corner of schoolh.; **iron post** stamped "Prim. Trav. Sta. No. 38"	**1008.893**

Point near Fredericktown s. via B. & O. Ry. to point near Mount Vernon

Fredericktown, 1.7 mi. n. of, 12 ft. e. of railroad, on w. side of stone pier of overhead brdg. 576; chiseled square	1112.78
Fredericktown, 0.8 mi. n. of, on top of concrete brdg. over Owl Creek, n. end, e. side; chiseled square	1088.64
Fredericktown, in n. w. cor. of city fire building lot, 65 ft. s. w. of standpipe; **iron post** stamped "1133 Ohio"	**1132.272**
Fredericktown, 1 mi. s. of, at private + ing; spike in base of teleph. pole	1062.72
Fredericktown, 1.8 mi. s. of, 35 ft. n. of public rd. + ing, on e. side of railroad spike in base of telegraph pole	1052.89
Fredericktown, 3.2 mi. s. of, 3.6 mi. n. of Mount Vernon, at s. w. corner of + rds., 35 ft. w. of tracks; **iron post** stamped "1041 Ohio"	**1040.304**
Mount Vernon, 2.4 mi. n. of, 17 feet w. of railroad, in public road at + ing; spike in base of telephone pole	1018.34
Mount Vernon, 1.8 mi. n. of, 60 ft. w. of public road, on s. abut. e. side of brdg. 573; chiseled square	1010.64

Fredericktown s. w. along highways to Penlan

Fredericktown, 1.9 mi. s. w. of, at n. w. corner of crossroads; spike in base of telephone pole, painted "1071"	1070.79
Fredericktown, 3.2 miles s. w. of, at head of T road n.; spike in base of telephone pole, painted "1086.5"	1086.32
Fredericktown, 3.6 miles s. w. of, at s. e. corner of T road s.; spike in base cor. post, painted "T. B. M. 1080.365"	1080.15
Fredericktown, 4 miles w. by 1 mile s. of, at n. w. corner of T road; spike in base of telephone pole, painted "1089.6"	1089.46
Lucerne, at head of T road s.; **iron post** stamped "1088 Ohio"	**1087.967**
Lucerne, 1 mi. s. w. of, at s. e. corner of T road s.; spike in base of telephone pole, painted "1129.2"	1129.12
Lucerne, 0.5 mile s. by 2.3 miles w. of, at s. w. corner of T road; spike in base of post, marked "1104.1"	1103.98
Lucerne, 0.5 mi. s. by 2.9 mi. w. of, at s. w. cor. of rds.; **iron post** stpd. "1136 Ohio"	**1136.082**
Chesterville, 2 mi. s. w. of, at n. e. corner of crossroads, near Chester Church; spike in base of telephone pole, painted "1191.5"	1191.33
Chester schoolhouse, 0.25 mile w. of, at s. e. corner of crossroads; spike in base of post, painted "1221.5"	1221.47

Mount Vernon w. along old Delaware road to point 3.5 mi. n. of Marengo

Mount Vernon, 1 mi. w. of, iron bridge over Owl Creek, on s. w. wing of w. abutment of bridge; chiseled circle painted "997.4"	997.15
Mount Vernon, 2.3 mi. w. of, at n. w. corner of T road n.; spike in base of telephone pole, painted "T. B. M. 1054.3"	1054.05
Mount Vernon, 3.5 mi. w. of, at s. w. cor. of lane s.; **iron post** stamped "1087 Ohio".	**1087.151**
Mount Vernon, 4.2 mi. w. of, at n. e. corner of crossroads; spike in base of telephone pole, painted "1126.6"	1126.40

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	Feet
Mount Vernon, 4.6 mi. w. of, at head of T road s.; copper B. M. nail in root of maple tree, painted "1188.0"	1187.78
Mount Vernon, 5.3 mi. w. of, at head of T road n.; spike in base of telephone pole brace, painted "1250.9"	1250.74
Mount Vernon, 6.8 mi. w. of, at n. e. cor. of +rds.; **iron post** stamped "1280 Ohio".	**1279.938**
Mount Vernon, 7.9 mi. w. of, at s. w. cor. of +rds., 0.5 mi. e. of Morrow-Knox county line; **iron post** stamped "Prim. Trav. Sta. No. 71—1910—1224"	**1223.382**
Mount Vernon, 8.9 mi. w. of, at n. e. cor. of +rds., 200 ft. s. e. of Hedding M. E. Church; spike in base of telephone pole, painted "1288.5"	1288.37
Mount Vernon, 10.5 mi. w. of, 1.2 mi. n. e. of Sparta, at n. w. cor. of +rds.; **iron post** stamped "1303 Ohio"	**1302.708**
Mount Vernon, 11.6 mi. w. of, 1 mi. n. w. of Sparta, at n. e. cor. of +roads; spike in base of telephone pole, painted "1303.0"	1302.90
Mount Vernon, 12.6 mi. w. of, 1.7 mi. n. w. of Sparta, at n. w. cor. of T rd. n.; spike in base of fence post, painted "1299.7"	1299.69

Mount Vernon s. w. along C. A. & C. Ry. to Condit

Mount Vernon, 2 mi. s. w. of, 50 ft. n. of rd. +ing, e. side of ry.; spike in base of telegraph pole, painted "1035.2"	1034.94
Mount Vernon, 3.1 mi. s. w. of, s. abut. on w. side of ry. brg. 89; chiseled sq. painted "1062.4"	1062.22
Bangs, 100 ft. n. of sta., on ry. right-of-way; **iron post** stamped "1101 Ohio"	**1100.695**
Bangs, 1 mi. w. of, 3.1 mi. e. of Mount Liberty, 30 ft. s. e. of rd. +ing; spike in base of teleph. pole, painted "1124.5"	1124.30
Mount Liberty, 120 ft. n. e. of sta., on ry. right-of-way; **iron post** stamped "1210"	**1209.325**
Mount Liberty, 1 mi. s. w. of, 30 ft. s. e. of railroad crossing; spike in base of teleph. pole, painted "1246.7"	1246.54
Mount Liberty, 2.3 mi. s. w. of, 140 ft. s. e. of railroad +ing; spike in teleph. pole, painted "1278.1"	1277.88
Centerburg, at cen. of sta. lot 30; **iron post** stamped "1209"	**1208.926**
Centerburg, 0.5 mi. s. w. of, 30 ft. s. e. of +ing; spike in base of teleg. pole, painted "1196.2"	1196.01
Centerburg 1 mi. s. w. of, 40 ft. s. e. of rd.+ing; spike in base of teleg. pole 98-C, painted "1180.9"	1180.70
Centerburg, 2.2 mi. s. w. of, 30 ft. e. of rd. crossing, e. side of ry.; spike in base of telegraph pole, painted "1167.5"	1167.33

Hunt station w. and s. along highways to Centerburg

Brandon, at s. w. cor. of +rds., 6 ft. e. of n. e. cor. stone; chiseled sq. on concrete walk, painted "1075.8"	1075.52
Brandon, 0.8 mi. s. of, at head of lane w.; spike in base of telephone pole, painted "1121.24"	1111.97
Brandon, 1.5 mi. s. of, at head of T road w.; spike in base of telephone pole, painted "1065.0"	1064.70
Brandon, 2.1 mi. s. of, at head of T rd. w.; **iron post** stamped "1042 Ohio"	**1041.800**
Brandon, 2.1 mi. s. by 1.6 mi. w. of, at n. e. cor. of T road. e.; spike in base of fence post, painted "1070.6"	1070.31
Brandon, 1.5 mi s. by 1.6 mi. w. of, at s. e. cor. of +rds.; spike in base of cor. fence post, painted "1093-A"	1093.09
Brandon, 1.5 mi. s. by 3.2 mi. w. of, at s. e. cor. of +roads; at Mink Street schoolh.; **iron post** stamped "1128"	**1127.840**

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	Feet
Brandon, 1.5 mi. s. by 4 mi. w. of, at s. e. cor. of T road e.; spike in base of cor. fence post, painted "1147.7"	1147.38
Lock, 1.2 mi. e. by 1.0 mi. n. of, at s. w. cor. of T road west; spike in base of teleph. pole, painted "1140.0"	1139.71
Lock, 1 mi. n. by 0.4 mi. e. of, at head of T rd. e., at Beach Knob schoolh.; spike in base of teleph. pole, painted "1168.5"	1168.25
Lock, 0.8 mi. w. by 0.8 mi. n. of, at iron brdg.; chiseled sq. on n. w. cor. of brdg. abut., painted "1157.7"	1157.45
Centerburg, 4 mi. e. of, 300 ft. s. of Myers schoolh., at s. e. corner of +rds.; **iron post** stamped "1190"	**1190.047**
Centerburg, 3 mi. e. of, at n. e. cor. of T road n.; spike in base of teleph. pole, painted "1206.1"	1205.82
Centerburg, 1.9 mi. e. of, at n. w. cor. of +rds.; spike in base of teleph. pole, painted "1214.4"	1214.12
Centerburg, 0.6 mile s. of, at cen. of T road e., at cemetery; spike in base of teleph. pole, painted "1197.03"	1196.72
Point 2 mi. n. of Penlan s. and w. along highways to Marengo (portion of line)	
Penlan, 1 mi. n. of, at s. e. cor. of +rds.; spike in fence post, marked "1192.5"	1191.19
Penlan, at n. e. cor. of +rds.; **iron post** stamped "1247"	**1246.448**
Penlan, 0.8 mi. s. of, s. end of T rd.; spike in teleph. pole deadman, marked "1256.2"	1254.79
Marengo, 3.25 mi. e. by 1.5 mi. n. of, at s. e. cor. of +roads; spike in fence post, marked "1262.4"	1260.99
Marengo, 3.25 mi. e. by 0.8 mi. n. of, s. w. cor. of +rds.; **iron post** "1268 Ohio"	**1267.442**

Fremont Quadrangle

Point 2 mi. e. of Helena e. by road and by ry. to Clyde	
Helena, 4.75 mi. e. of, rd. s., on s. w. corner of abut. to culv. ⅛ mi. e. of brick house; cross cut	653.88
Helena, 5.5 mi. e. of, s. w. cor. of iron brg. over Muskellunge Creek, on abut. 4 inches s. of iron beam; chiseled cross	640.82
Helena, 7.02 mi. e. of, on n. e. cor. of abut. of small iron bridge; cross cut	641.36
Fremont, n. w. cor. of Buckland and Hayes Aves., opposite n. e. corner of Hayes Place, on top of iron water plug; top of nut	632.88
Fremont, in s. face of jail wall, near s. e. corner of bldg. 5 ft. above ground; **aluminum tablet** stamped "636 Toledo"	**636.318**
Fremont, at s. e. cor. and end of stone abut., e. end of brg. over Sandusky River at State St.; cross cut	587.96
Fremont, on n. e. cor. of flagstone, n. e. cor. of State and Buchanon Sts.; + cut	624.74
Fremont, 5 mi. e. of, on s. w. cor. of abut. stone at s. e. cor. of small ditch bridge about 100 ft. w. of Cliff road on Maumee Pike; cross cut	639.10
Clyde, 2.5 mi. w. of, sec. 9, T. 4 N., R. 16 E., in n. e. abut. of brg. over creek, at Maumee Pike; **aluminum tablet** stamped "637 Toledo" (Not found in 1916)	**637.206**
Fremont n. along highway to Kingsway	
Kingsway, 1.5 mi. e. of, 0.3 mi. w. of quarter cor. at e. side of sec. 3, T. 5 N., R. 15 E., at +rds., in found'n. of n. wall at n. e. cor. of Methodist Church; **aluminum tablet** stamped "588 Toledo"	**588.618**

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Point 3.2 mi. e. of Old Fort along highway n. and e. to Green Spring thence n. and n. w. to Fremont

	Feet
Green Spring, 1.50 mi. w. of, T rd. s. at, on n. side of e.-w. rd. at fence line, in root on s. side of s. fork of double walnut tree; copper B. M. nail.....	679.36
Green Spring, 1 mi. w. of, T rd. n. at, 70 ft. n. of rd. forks, at fence line on w. side of n. rd., in root on n. e. side of 16-in. ash tree; copper B. M. nail	681.26
Green Spring, s. e. cor. of intersec. of main sts., top of watertable, on w. side 1.5 ft. s. of n. w. cor., 7 ft. n. of entrance of brick block owned by Chas. Holtz, occupied by K. of P. Lodge and McDonald and Sons store; chiseled sq.	710.73
Green Spring, 1 mi. n. of, 170 ft. w. of +roads, n. side of w. road, top of n. end of e. wing wall of stone culvert; chiseled square.....	678.64
Green Spring, 2.25 mi. n. of, at + rds., 60 ft. s. of +rds., on e. side of s. rd., at w. side of yard of res., in root on s. w. side of 3-ft. maple; copper B. M. nail	663.93
Clyde, 4.00 mi. w. of, at e. quarter of sec. 18, T. 4 N., R. 16 E., at +rds., 115 ft. s. of +rds., at fence line on w. side of s. rd., opposite res., in root on n. e. side of 1-ft. apple tree; **copper B. M. nail**	**650.254**
Fremont, 3.5 mi. s. e. by 0.75 mi. s. of, about 0.10 mi. s. e. of center of sec. 7, T. 4 N., R. 16 E., T rd. w. at, on w. side of rds. at forks, at w. fence line, in root on e. side of 3-ft. oak tree; copper B. M. nail	642.31
Fremont, 1.75 mi. s. by 1.75 mi. e. of, w. of cen. of sec. 12, T. 4 N., R. 15 E., 0.12 mi. w. of +rds., e. abut., top of s. end of bridge seat of highway brg. over Bark Creek; chiseled square.....	627.46
Fremont, 1.75 mi. s. by 0.5 mi. e. of, at n. quar. cor. of s. w. quar. sec. 11, T. 4 N., R. 15 E., s. e. cor. of +roads, in root on n. e. side of 1.5-ft. ash tree; copper B. M. nail	636.35
Fremont, L. S. & M. S. Ry. brg. 59, over Sandusky River, at e. concrete abut., top of s. end of parapet wall; chiseled square.....	612.97

Point 3.5 mi. n. of Green Spring e. along highway to Clyde

Clyde, 3 mi. w. of, at w. quar. cor. of sec. 16, T. 4 N., R. 16 E., +rds. at, n. e. cor. of +rds., in root on s. side of 1-ft. hickory tree; copper B. M. nail...	647.25
Clyde, 2.5 mi. w. of, at center of sec. 16, T. 4 N., R. 16 E., n. e. cor. of + rds., top of n. end of stone culv., under e. rd.; chiseled square.....	650.36
Clyde, 1.75 mi. w. of, + rds., s. quar. cor. of n. w. quar. of sec. 15, T. 4 N., R. 16 E., n. w. cor. of +rds., top of e. wing wall at n. end of culv. under w. road; chiseled square.....	653.99

Gambier Quadrangle

Point near Mount Vernon s. along B. & O. Ry. to point near Utica

Mount Vernon, at n. w. cor. of courthouse; **iron post** stamped "1053 Ohio"..	**1052.789**
Mount Vernon, 0.4 mi. s. of sta., 630 ft. n. of railroad + ing, on s. retaining wall on e. side of bridge 570; chiseled square	984.56
Mount Vernon, 1 mi. s. of, on C. A. & C. Ry., at n. w. cor. of rd. +ing; spike in base of teleph. pole, painted "1006.9".....	1006.63
Mount Vernon, 1.6 mi. s. of, on w. side of ry. + ing; spike in base of teleph. pole	1013.99
Mount Vernon, 3 mi. s. of, 1,190 ft. s. of milepost marked "N 22 S 94"; spike in base of teleg. pole.....	1019.28
Mount Vernon, 4.1 mi. s. of, 0.7 mi. n. w. of Hunt, on e. retaining wall on s. side of stone-arch brdg. 567; chiseled square.....	1021.67
Hunt, 25 ft. w. by 30 ft. n. of public rd. + ing, on railroad right-of-way; **iron post** stamped "1042 Ohio"	**1041.533**

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	Feet
Hunt, 0.9 mi. s. of, on concrete culv. under railroad, on east side of tracks at teleg. pole 18-15; chiseled square	1035.25
Hunt, 1.6 mi. s. e. of, 40 ft. n. of public road at +ing, on e. side of railroad; spike in base of teleg. pole	1018.38
Hunt, 2.3 mi. s. of, 3.9 mi. n. of Utica, 100 ft. w. of railroad, at s. e. cor. of T rd. e.; **iron post** stamped "996 Ohio"	**995.834**
Utica, 1.9 mi. n. of, on e. side of railroad, 25 ft. n. of private +ing, 150 ft. s. of milepost "N 13 S 101"; **spike** in base of teleg. pole	**974.359**

Point near Utica e. along highways via Martinsburg to point near Bladensburg

Utica, 3.1 mi. n. e. of, 3.4 mi. s. w. of Martinsburg, at n. e. cor. of +rds; **iron post** stamped "1039 Ohio"	**1039.344**
Martinsburg, 2.2 mi. s. w. of, 80 ft. west of public rd. on n. side of lane to res. of C. Clutter; spike in top of 42-inch white oak stump	1064.20
Martinsburg, 1.4 mi. w. of, on large rock on n. end of small stone bridge; chiseled square	1053.32
Martinsburg, n. e. cor. of city building lot; **iron post** stamped "1167 Ohio"	**1167.104**
Martinsburg, 1 mi. e. of, at T rd. n., on s. property line; nail in root of white oak tree 24 inches in diameter	1176.11
Martinsburg, 2.1 mi. e. of, s. w. cor. of T rd. s.; chiseled sq. on granite rock	1136.27
Bladensburg, 1.1 mi. w. of, n. side of small brdg., chiseled sq. on e. abut.	1018.32
Bladensburg, 0.3 mi. w. of, on n. end of small rock culv. at water trough and T rd. n.; chiseled sq.	997.97
Bladensburg, in s. e. cor. of schoolh. yard; **iron post** stamped "977 Ohio"	**977.446**
Bladensburg, 1 mi. n. of, at T rd. e., on sec. cor. stone in cen. of public rd.; chiseled square	998.43
Bladensburg, 1 mi. n. by 1.2 mi. e. of, 170 ft. w. of Front Royal schoolh., on granite rock at s. side of rd. under fence; chiseled square	1029.88

Danville w. along C. A. & C. Ry. to Mount Vernon. (an adjustment of 0.3 ft. was made in part of this line)

Danville, 1 mi. s. w. of, n. w. cor. of n. brg. seat of girder brg. 72; top surface	948.42
Danville, 1.8 mi. s. w. of, at s. w. cor. of rd. +ing; **iron post** stamped "939 Ohio"	**938.600**
Danville, 2.5 mi. s. w. of, at n. w. cor. of s. w. end of concrete culv.; top of masonry	922.85
Howard, 1 mi. n. e. of, at road crossing, at e. end of concrete culvert	909.97
Howard, 100 ft. in front of station; **iron post** stamped "892 Ohio"	**891.807**
Howard, 1 mi. s. w. of, at n. w. cor. of bridge 81; top of bolt in north end of wooden guard rail	907.0
Howard, 2 mi. s. w. of, at n. w. cor. of rd. +ing; **iron post** stamped "934 Ohio"	**933.239**
Gambier, 1.5 mi. e. of, near rd. +ing; top of n. w. corner of s. abutment of small girder bridge	925.54
Gambier, 100 ft. w. of station; **iron post** stamped "967 Ohio"	**966.321**
Gambier, 1 mi. w. of, at n. w. corner of concrete culvert	953.56
Gambier, 2 mi. w. of, at n. w. corner of concrete culvert	961.39
Gambier, 2.5 mi. w. of, at n. e. corner of concrete culvert	965.30
Mount Vernon, 2 mi. s. by 2 mi. e. of, 0.5 mi. w. of railroad bridge 84, on n. side of rd; **iron post** stamped "Ohio 976" (set on a single unchecked spur line)	**975.989**

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	Feet
Mount Vernon, 2 mi. s. by 1 mi. e. of, at end of s. e. wing of girder bridge 85; top of top step	975.53
Mount Vernon, switch yard, at n. e. pillar of coal chute; top of stone foundation at northeast corner	984.72
Mount Vernon, 200 ft. n. of sta., on Main Street, over center arch of e. edge of stone bridge over Kokosing River	989.04

Near Hunt

Hunt, 0.9 mi. w. of station, at T rd. s.; chiseled sq. on doorstep of Lafayette schoolhouse, painted "1041.2"	1040.93
Hunt, 1.4 mi. w. of sta., at head of T rd. n.; spike in base of telephone pole, painted "1039.8"	1039.57

Point near Amity s. along highway via Amity to Martinsburg

Amity, 1.7 mi. n. of, at n. end of stone bridge; top of parapet	1163.06
Amity, 1 mi. n. of; top of s. end of s. w. wing of small bridge	1143.66
Amity, in front of Baptist Church; **iron post** stamped "1159 Ohio"	**1158.165**
Amity, 1 mi. s. of. at n. w. cor. of stone culv.; top of parapet	1057.52
Amity, 2 mi. s. of, top of n. e. cor. of n. e. wing of truss bridge	1019.80
Amity, 2.7 mi. s. of, at n. w. cor. of stone bridge; top of parapet	997.81
Amity, 3.5 mi. s. of, at w. end of stone culvert; top of parapet	1011.76
Amity, 4.5 mi. s. of, at n. w. cor. of T road; **iron post** stamped "997 Ohio"	**996.082**
Howard, 3 mi. w. of, at s. w. cor. of T road; top of s. w. cor. of s. w. wing of small bridge	950.74
Howard, 2.5 mi. w. by 1 mi. s. of, at s. end of stone culv.; top of s. w. end of parapet	944.38
Gambier, 2.5 mi. e. of, at jog road, at pump in schoolyard; top of s. e. corner of concrete foundation	1009.86
Gambier, 2.5 mi. e. by 1 mi. s. of; top of upper end of cast-iron pipe culvert 12 inches in diameter	1097.87
Pipesville, 2.5 mi. w. of, at n. w. cor. of bridge; top of angle-bar floor beam	1015.30
Pipesville, 2.5 mi. w. by 1 mi. s. of; top of n. w. cor. of concrete watering trough	1067.19
Martinsburg, 4 mi. n. of; spike in telephone pole	1113.97
Martinsburg, 3 mi. n. of, at s. end of T road; **iron post** stamped "1045 Ohio"	**1044.095**
Martinsburg, 2.5 mi. n. of, at n. e. cor. of small iron brg.; top of bolt in floor	1000.76
Martinsburg, 1.8 mi. n. of, at n. e. cor. of small iron bridge; top of angle-bar beam at n. end of banister	1015.28
Martinsburg, 1 mi. n. of, at s. w. cor. of concrete bridge; top of parapet	1073.45
Martinsburg, at n. e. cor. of city hall property; **iron post** stamped "1167 Ohio"	**1167.104**
Gambier, 2.5 mi. e. of, at jog road, in school yard; **iron post** stamped "Prim. "Trav. Sta. No. 69—1910—Ohio—1014" (set on unchecked spur line)	**1013.447**

Danville via Millwood to Bladensburg (an adjustment of 0.784 ft. has been distributed in this line)

Danville, at county bridge, w. of station; top of n. w. corner of s. w. wing	**985.471**
Danville, 0.8 mi. s. of, on Martinsburg road, at n. e. cor. of stone culv.; top of parapet	983.36
Millwood, 1.5 mi. n. of, at n. e. cor. of +rds.; spike in root of maple tree	1021.44

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Millwood, in front of church; **iron post** stamped "941"	**941.108**
Millwood, 1.5 mi. s. of, on Martinsburg road, at s. e corner of T road; spike in root of blazed oak tree	1101.98
Millwood, 2 mi. s. by 1 mi. w. of; spike in root of 24-inch elm tree	1157.98
Millwood, 3 mile s. by 1 mi. w. of, at s. w. corner of E. G. Smith's house; top of concrete step	1148.85
Millwood, 4 mi. s. of, on e. w. road, 4.3 mi. n. of Bladensburg; spike in root of 9-inch blazed elm tree	1104.10
Bladensburg, 4 mi. n. of, at n. e. cor. of +rds; **iron post** stamped "1151 Ohio"	**1150.582**
Bladensburg, 3.25 mi. n. of, in front of John Nether's house; top of stone step	1115.82
Bladensburg, 2.5 mi. n. of, in front of T. S. Parker's house; top of lowest stone step	1130.6
Bladensburg, 2 mi. n. of, at w. end of T road; spike in root of oak tree	1113.18
Bladensburg, 1 mi. n. of; chiseled square on section cor. stone, marked "998.1"	998.43
Danville w. and n. along highway 3.5 miles	
Danville, 1.8 mi. s. w. of, on s. side of ry. at +ing; **iron post** stamped "939".	**938.600**
Danville, 1.8 mi. west of, on e. abut. n. side of bridge over Jelloway Creek; chiseled square painted "934.4"	934.44
Danville, 1.8 mi. n. w. of, on n. w. cor. of w. abut. of iron bridge over Jelloway Creek; chiseled square	944.75
Danville, 1.8 mi. n. w. of, at s. w. cor. of T rd. s. e., in root of white oak tree; copper B. M. nail	1025.18
Danville, 3.1 mi. n. w. of, on n. side of road at T road s., 400 ft. n. of T. J. Lush's residence, on large granite rock; chiseled square	990.24

Garrettsville Quadrangle

Huntsburg along highway s. to Middlefield, thence w. to Burton, thence n. to Claridon

	Feet
Middlefield, in n. w. cor. of founda. of town hall; **aluminum tablet** stamped "1141 ADJ 1903"	**1141.330**
Burton, in s. e. cor. of founda. of town hall; **aluminum tablet** "1338 ADJ 1903"	**1337.833**
Burton w. to Lake Punderson thence to Fowlers Mills	
Punderson Lake sta., 0.5 mi. n. of, 430 ft. e. of railroad, in culv. stone n. side of road; **aluminum tablet** stamped "1148 ADJ 1903"	**1148.339**
West Farmington along highway w. to Parkman, thence s. to Windham	
Parkman, 1.5 mi. n. e. of, +rds. at center of township, e. of road in culvert stone; **aluminum tablet** stamped "1143 ADJ 1903"	**1143.435**
Nelson, in town hall, s. e. cor. of foundation; **aluminum tablet** "1068 ADJ 1903"	**1068.498**
Freedom Center n. to Troy Center thence e. to Parkman	
Hiram, opposite Y. M. C. A., in n. w. cor. foundation to brick store building; **aluminum tablet** stamped "1270 ADJ 1903"	**1269.617**
Troy Center (Welshfield P. O.), in n. w. cor. of foundation of schoolhouse; **aluminum tablet** stamped "1227 ADJ 1903"	**1227.204**

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Shalersville n. along highway to Auburn

Mantua Center, in n.w.cor.of founda.of schoolh.; **aluminum tablet** "1180 ADJ 1903"	**1180.161**
Auburn Center, Grange Hall, in s. e. corner of foundation; **aluminum tablet** stamped "1231 ADJ 1903"	**1231.332**

Garrison Quadrangle

Portsmouth along Ohio River to McGaw

	Feet
Portsmouth, 3.2 mi. s. w. of, at n. w. cor. of T rd. about 100 ft. w. of stone arch brg. over Carys Run; **iron post** stamped "516"	**516.102**
Dennis, n. e. cor. of rd. forks, near teleph. pole and fence; iron post "529"	529.07
Pondrun, s. w. cor. of T rd. n. w., 40 ft, w. of cen. of T rd; **iron post** stamped "Prim. Trav. Sta. No. 8—1910—522"	**522.461**
Pondrun, 2.1 miles s. w. of, n. side of rd., 40 ft. from cen. of lane to s.; **iron post** stamped "528"	**527.652**
Pondrun, 6 mi. s. w. of, about 3 mi. e. of Buena Vista, on s. side of rd. near teleph. pole, at Elm Tree schoolh.; **iron post** stamped "566"	**566.250**

County Infirmary at Alexandria n. along road

Carys Run schoolh., on stone abut. of culv.; chiseled sq. painted "608.451"	608.42
Carys Run, about 200 ft. s. of res. of C. L. Simon; **iron post** stamped "692"	**691.657**

Turkey Creek along road to Friendship

Union Church. n. e. cor. of, **iron post** stamped "659"	**658.929**

Portion of line from Pink to McGaw

McGaw, 3.2 mi. n. w. of, w. of rd., top of stone; chisel mark painted "718.0".	717.98
McGaw, 3.2 mi. n. w. of, on Upper Twin Creek, in front of Clay Cooper's residence, w. of road, 20 ft. n. of lane; **iron post** stamped "721"	**720.726**
McGaw, 1.1 mi. n. e. of, e. of rd., 150 ft. n. of bend in road, in front of John Hodge's residence, on large stone; chiseled cross painted "573.4"	573.35

Glenwood Quadrangle

Thivener s. to Angel

Yellowtown (Thivener P. O.), 500 ft. w. of blacksmith shop, s. of road, on outcropping sandstone rock; **aluminum tablet** stamped "568 ADJ 1903"	**567.509**

Near Glenwood, W. Va. (Army Engineers' precise line)

Glenwood, W. Va., 125 ft. above mouth of Gwynns Run, and 22.5 ft. above upper landing; Army Engineers' U. S. B. M. 284-A, on 15x10x4 ft. bowlder 200 ft. below U. S. Post Light at foot of Straight Ripple; **cut** on w. face, Elev. 518.167	**517.674**

Granville Quadrangle

Central City n. w. along T. & O. C. Ry. to Croton

Granville, 0.4 mi. e. of, milepost T 18 T 130, 60 ft. e. of, cross on end of vertical rail in cen. of track; cross	907.76

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	Feet
Granville, Doane Academy, in retaining wall at window n. e. cor.; **aluminum tablet** stamped "1083"	**1082.332**
Granville, Science Hall, in window sill n. side, 2d floor; **aluminum tablet** "1102"	**1101.440**
Granville, in front of station; top of rail	910.5
Clemmons, in front of station; top of rail	924.5
Clemmons, 80 ft. e. of, 2.82 mi. n. w. of Granville, in base stone at s. w. cor. of water tank; **aluminum tablet** stamped "925"	**924.331**
Alexandria, in front of station; top of rail	956.6
Alexandria, 0.4 mi. n. of, highway +ing, small iron bridge about 200 ft. s. of ry., s. abut.. w. end; **aluminum tablet** stamped "959"	**958.779**
Johnstown, City Hall, in water table 4 ft. w. of main entrance; **aluminum tablet** stamped "1160"	**1159.621**
Croton, 2.01 mi. s. of, 1360 ft. w. of T. & O. C. Ry., s. w. corner of crossroads in concrete fence post; **aluminum tablet** stamped "1185"	**1185.131**
Croton, 500 ft. n. e. of public square, arch masonry culvert, coping stone on w. end; **aluminum tablet** stamped "1139"	**1139.197**

Granville n. along highway to Homer

Granville, s. e. cor. of sta. platform, on stone curbing; **chisel mark**, marked "911"	**910.627**
Granville, 2.8 miles n. w. of, on n. w. wing wall of concrete culvert across highway, top of; **aluminum tablet** stamped "1061"	**1060.374**
Granville, 6.7 miles n. w. of, on s. w. abutment of iron bridge across highway; **aluminum tablet** stamped "1110"	**1110.207**
Granville, 7.34 mi. n. of, at s. e. cor. of +roads, on stone; **chiseled square** marked "1242"	**1241.496**
Granville, 8.7 miles n. w. of, on top of w. wing wall of concrete culvert, 250 ft. s. of a house on left of highway; **aluminum tablet** stamped "1171"	**1170.912**
Granville, 9.12 mi. n. of, at s. e. cor. of +rds., on stone; chiseled sq. marked "1156"	1155.53
Granville, 10 mi. n. of, on stone, at n. w. cor. of +rds; chiseled sq. marked "1169"	1168.48
Granville, 11.8 miles n. w. of, on n. w. abutment of iron bridge over creek, top of, near forks of road; **aluminum tablet** stamped "1012"	**1011.407**
Granville, 12.77 mi. n. w. of, at forks of rd., n. w. cor. of, on stone; chiseled square marked "1033"	1032.80

New Way east to Fredonia

Fredonia, in w. part of schoolhouse yard, 122.6 ft. n. w. of n. w. corner of schoolhouse; **iron post** stamped "Prim. Trav. Sta. No. 37"	**1247.000**

At Union Station

Union Station, 0.75 mi. w. of, at +roads, in s. e. cor. of Ira Shoneman's field; **iron post** stamped "Prim. Trav. Sta. No. 36"	949.167

Pataskala n. along highway to Johnstown

Pataskala, 0.6 mi. n. of, at s. w. cor. of +rds., on stone; chiseled sq. marked "1013"	1013.1
Pataskala, 1.6 mi. n. of, forks of rd. w. on stone; chiseled sq. marked "1041"	1040.
Pataskala, 2.8 mi. n. w. of, on top of s. e. abutment of iron bridge over creek; **aluminum tablet** stamped "1050"	1049
Pataskala, 3.28 mi. n. w. of, at e. side of forks of rd., on stone; chisel marked "1102"	
Pataskala, 4.1 mi. n. w. of, forks of rd. e., on stone; chiseled sq. marke	

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Jersey, at s. w. cor. of rd. +ing, on stone; chiseled sq. marked "1123"	1122.85
Jersey, 0.7 mi. n. w. of, on s. w. corner of abutment of highway bridge at forks of road; **aluminum tablet** stamped "1101"	**1100.356**
Jersey, 2.73 mi. n. of, on right wing wall of concrete culv., 50 ft. n. of rd. e., chiseled sq. marked "1185"	1185.14
Jersey, 3.64 mi. n. of, on stone at s. e. forks of rd.; chiseled sq. marked "1213"	1213.10
Jersey, 4.1 mi. n. of, on n. w. corner of stone culvert across highway; **aluminum tablet** stamped "1188"	**1187.907**
Jersey, 4.63 mi. n. of, s. w. cor. of +rds., in root of tree; spike marked "1191"	1190.40

Greenfield Quadrangle

Egypt Church southerly along highways to point 5 mi. n. e. of Bainbridge (portion of line)

	Feet
Austin, 4 mi. n. w. of, on Dogtown pike, in n. e. cor. of Rowe schoolyard, dist. No. 10, Concord Twp.; **iron post** stamped "Prim. Trav. Sta. No. 69"	**833.441**
Austin, 2.75 mi. s. w. of, district No. 9, Concord twp., on n. w. cor. of step of main entrance to Young schoolh.; sq. cut	864.68
Austin, 4 mi. s. w. of, at T rd. s., on n. w. cor. of large stone over rd. culv.; sq. cut	969.79
Austin, 5 mi. s. w. of, on Austin and Harpers Sta. pike, s. e. cor. of pike at T rd. e. about 200′ w. of res. of A. Harper; **iron post** stamped "1018 Ohio"	**1017.535**
Austin, 6.5 mi. s. w. of, on Austin and Harpers Sta. pike, s. w. cor. of pike and T rd. s. w., in s. side of fence post; copper B. M. nail	1020.69
Harpers Station, 0.5 mi. s. of, in n. w. cor. of Greenfield and Lattaville pike and T rd. n. to Harpers Station; square cut	963.62
Harpers Station, 0.5 mi. s. of Greenfield and Lattaville pike in s. w. cor. of pike and T road s., opposite dist. No. 6. Buckskin twp. schoolhouse; **iron post** stamped "Prim. Trav. Sta. No. 68"	**955.399**
Harpers Station, +ing of B. & O. S. W. Ry. at rd. 0.75 mi. w. of; top of n. rail	931.99
Lyndon, one mi. e. of, on e. abut. of ry. bridge over Buckskin Creek; square cut (U. S. C. & G. S. B. M. LVIII, Elev. 911. 671, not found)	912.69
Lattaville, 1.5 mi. w. by 4 miles s. of, on Steiner Hill road, in root of small beech tree; copper B. M. nail	1113.47
Lattaville, 1.5 mi. w. by 5.5 mi. s. of, top of Steiner Hill rd., about 500 ft. n. of house of W. Ross, in apple tree; copper B. M. nail	1220.58
Bourneville, 6.75 mi. w. of, on Upper Twin pike, s. of pike and T rd. n., in top of fence post; copper B. M. nail	869.49

Point 3.8 mi. s. of Glendon e. along highway to point 2.2 mi. e. of Good Hope, thence n. to point 6 mi. s. e. of Washington C. H.

Staunton, 0.5 mi. w. of, in n. e. angle of rd. forks; at base of cor. post, on top of rock; chiseled circle	**996.61**
Staunton, 0.8 mi. e. of, 13 ft. n. of stone at cen. of rd. forks, at fence cor.; **iron post** stamped "Ohio 983"	**983.127**
Staunton, 1.5 mi. e. by 0.3 mi. s. of, on s. side of rd., 100 ft. n. e. of brick found'n of abandoned dwelling at crest of hill, in root of 6-inch double walnut tree; copper B. M. nail	**979.12**
Sugar Grove Church, 400 ft. n. w. of, in n. w. angle of rd. forks, in n. end of plank drain; copper B. M. nail	**961.19**

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	Feet
Washington C. H., 5 mi. s. of, on Washington road, in n. w. angle of +roads, 5 ft. e. of teleph. pole, at n. end of tile culv., in top of limestone rock; bottom of chiseled square	972.82
Sturgeon's Mill, 200 ft. e. of, 20 ft. n. of n. bank of Paint Creek, 25 ft. w. of large hollow sycamore tree, in top of double locust stump; copper B. M. nail	915.00
Water elevation at above point, 8.15 A. M., April 18, 1914	909.9
Rock Mills, 100 ft. n. of highway bridge, 60 ft. e. of store; **Iron post** stamped "Ohio 913"	**912.895**
Water elevation under highway bridge, 11.30 A. M., April 18, 1914	898.0
Rock Mills, 1.3 mi. n. e. of, 1.6 mi. w. of Good Hope, 35 ft. e. of cen. of rd. forks, in top of s. end of plank culv.; copper B. M. nail	961.17
Good Hope, 0.4 miles n. w. of, at s. w. angle of Washington C. H. and Rock Mills rds., 10 ft. w. of cor. post, in root of 6-in. walnut tree; copper B. M. nail	937.32
Good Hope, in front of Detroit, Toledo, & Ironton R. R. station; top of rail	911.8
Good Hope, near cen. of village, on n. side of concrete well platform; bottom of chiseled square	926.62
Good Hope, 1.6 mi. e. of, 50 ft. n. of cen. of rd. forks, 6 ft. e. of fence corner; **Iron post** stamped "Ohio 935"	**934.714**
Good Hope, 2.2 mi. e. of, in n. w. angle of rd. forks, 10 ft. n. w. of cor. post, in root of 14-in. walnut tree; copper B. M. nail	926.51
Good Hope, 2.2 mi. e. by 1 mi. n. of, on w. side of road, 110 ft. n. of gate to Fairview Farm, in root of 40 in. oak tree; copper B. M. nail	927.39
Fairview, about 0.45 mi. s. w. of, n. side of Chillicothe road, opposite T rd. s. to Good Hope, 2 ft. s. of fence; **Iron post** stamped "Ohio 892"	**891.417**
Good Hope, 3.5 mi. n. e. of, 35 ft. w. by 15 ft. s. of cen. of +rds., Chillicothe road and Good Hope rd., in top of 3-in. osage stump; copper B.M. nail	905.65

Fairview e. along highway to point 4 mi. n. w. of Austin

Plano, 0.3 mi. n. w. of, 50 ft. e. of cen. of road forks, on n. side of road, in base of telephone pole; 11-inch spike	874.57

Point 1.6 mi. e. of Good Hope s. to Lyndon, thence w. to East Monroe, thence n. to point 3.8 mi. s. of Glendon (portion of line)

Good Hope, 3 mi. s. e. of, in the n. e. angle of Miami-Trace rd., and Lyndon-Good Hope road, on e. end of tile drain, on flat rock; chiseled square	969.50
Pisgah schoolhouse, in s. w. angle of T road w., in n. e. angle of schoolyard, in root of 50-inch oak tree; copper B. M. nail	1019.30
Greenfield, 5 mi. n. e. of, on Austin-Greenfield rd., opposite Pepples' store, in s. w. angle of road forks, 3 feet w. of cor. post; **Iron post** stamped "Ohio 967"	**967.020**
Lyndon, 1.3 mi. n. of, 500 ft. n. of rd. forks, e. end of s. abut. of small steel highway bridge on top course; bottom of chiseled square	915.17
Lyndon, 0.40 mi. w. of, at n. e. angle of +roads, at e. end of small culv., on top of rock; chiseled square	915.05
Lyndon, 1.4 mi. w. of, at private rd. +ing, B. & O. Ry., on s. side of right-of-way, on top of w. end of tile drain; painted square	931.59
Lyndon, 2.4 mi. w. of, at private rd. +ing, B. & O. R. R. on s. side of right-of-way, w. end of tile drain on top; painted square	922.23
Thrifton, 10 ft. e. of sta., top of concrete wall of B. & O. viaduct over D. T. & I. Ry.; painted square	884.0
Greenfield, 0.6 mile e. of, 40 ft. e. by 15 ft. n. of center of +roads, **Iron post** stamped "Prim. Trav. Sta. No. 67, OHIO—1909—863"	**863.075**

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	Feet
Greenfield, center of city at n. e. cor. of Municipal Bldg., on top of concrete cor. post, at cor. of sidewalk, on top of post; chiseled square	910.67
Greenfield, 1.25 mi. w. of, 25 ft. e. of milepost "O-73", in top of rail support; copper B. M. nail	925.86
Greenfield, 2.25 mi. w. of, 50 ft. e. of milepost "O-72", in n. e. angle of ry. and highway +ing, on top of e. end of tile drain; painted square	947.86
Greenfield, 4.25 mi. w. of, 40 ft. e. of milepost "O-70", in top of rail support; copper nail in washer	942.68
Bridge over Walnut Creek; top of rail	919.7
Greenfield, 5.25 mi. w. of, 40 ft. e. of milepost "O-69", in top of rail support, copper B. M. nail	941.51
Greenfield, 6.2 mi. w. of, 0.2 mi. e. of East Monroe, at +ing, on w. side of highway, on top of n. right of way stone; chiseled square	979.96
East Monroe, n. side of e. abut. of highway brg. over Rattlesnake Creek, in top course; bottom of chiseled sq	920.80
Buena Vista, 1.2 mi. s. of, 500 ft. n. of. rd. forks, at e. end, on top of top course of stone culv.; bottom of chiseled sq	1019.52
Buena Vista, at cen. of town, opposite T rd. e., 100 ft. s. of Theobald's store; **Iron post** stamped "Ohio 1015"	**1014.818**
Buena Vista, 1.2 mi. n. of, in s. e. angle of road forks, s. end of tile drain, on top; painted square	1015.06

Point 5 mi. s. of Washington C. H. s. along highway to point 1.7 mi. w. of New Petersburg

Washington C. H., 6.25 mi. s. of, in s. e. angle of +rds., New Martinsburg pike and Miami-Trace rd., at s. end of drain, on rock; bottom of chiseled sq.	988.00
Cochran Church, 2.5 mi. n. e. of New Martinsburg, in n. e. angle of +roads 10 feet n. of cor. post, in top of wooden peg; copper B. M. nail	998.54
New Martinsburg, 1.5 mi. e. by 1 mi. n. of, in n. e. angle of rd. forks, in top of e. end of culvert; copper B. M. nail	1030.36
New Martinsburg, 2 mi. e. of, opposite cen. of rd. to w., at rd. forks, 80 ft. e. of deserted log house; **Iron post** stamped "Ohio 1018"	**1017.870**
Greenfield, 4 mi. n. w. of, in n. e. angle of +roads, inside of fence, on n. side of Sabina and Greenfield rd., on concrete drain; bottom of chiseled sq.	1027.27
Greenfield, 3.2 mi. n. w. of, opp. cen. of T rd. e., on n. end of tile drain; painted square	1022.56
Greenfield, 2.5 mi. n. w. of, 150 ft. s. of Lime school, in s. e. angle of road forks, on top of stone culv.; bottom of chiseled sq	979.03
Greenfield, 2.5 mi. w. of, in s. w. angle of ry. and highway +ing, 2 ft. n. of right-of-way post; **Iron post** stamped "Ohio 987"	**986.750**
Centerfield, 2.5 mi. n. e. of, in s. w. angle of +roads, in concrete base of cor. post, bottom of chiseled sq	986.33
Greenfield, 3 mi. s. w. of, on Greenfield-Hillsboro road, in s. w. angle of rd. forks, in stone at s. end of drain; bottom of chiseled sq	937.39
Greenfield, 3.7 mi. s. w. of, on Greenfield-Hillsboro road, in n. e. angle of rd. forks, in stump of base of corner post; copper B. M. nail	944.25
Greenfield, 4.5 mi. s. w. of, on Greenfield-Hillsboro road, opposite cen. of T rd. n. w., 600 ft. n. of schoolh.; **Iron post** stamped "Ohio 960—1914"	**959.511**
Greenfield, 5.8 mi. s. w. of, on w. side of s. abut. of highway brg. over Rattlesnake Creek, on top course; bottom of chiseled square	816.66
New Petersburg, 1.6 mi. n. w. of, on Greenfield-Hillsboro road, in s. e. angle of +roads, in base of cor. post; iron spike 10-in. long driven horizontally.	971.77

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	Feet
New Petersburg, 1.8 mi. w. by 0.5 mi. n. of, opposite cen. of T road s., 200 ft. e. of John Duffield's residence; **iron post** stamped "Ohio 998—1914"	**997.864**
New Petersburg, 1.7 mi. w. of, at road forks, 100 ft. s. of highway brg. over Fall Creek; highest point of circle marked on stone	960.33

Point 2 mi. n. of Bainbridge n. w. along highway to Fruitdale thence n. e. to Lyndon

Bainbridge, 2 mi. n. of, e. side n. abut. D. T. & I. Ry. bridge over Buckskin Creek, in top course; bottom of chisel square	755.79
Bainbridge, 3 mi. n. of, 150 ft. w. of schoolh. Dist. No. 4 in teleg. pole; rail spike	776.57
Humboldt, 5 ft. e. of s. e. cor. of tp. bldg.; **iron post** stamped "Ohio—798—1914"	**797.998**
Humboldt, 1 mi. n. of, 1700 ft. w. of schoolh. Dist. No. 7, 100 ft. s. of cen. of highway, in base of teleg. pole; rail spike	818.23
Fruitdale, 0.5 mi. s. of, on e. side of s. abut. of steel highway brg. over Buckskin Creek on top course; bottom of chiseled sq	834.17
Fruitdale, 0.1 mi. s. of, 80 ft. s. of steel highway brg. over Buckskin Creek on w. side of pike; **iron post** stamped "Ohio—836—1914	**835.921**
Fruitdale, 1.1 mi n. e. of, 1100 ft. s. of twp. line, 240 ft. n. of J. A. Moomaw's res., on e. side of rd., in base of teleph. pole; harrow tooth	861.33
Fruitdale, 2.4 mi. n. e. of, in w. end of plank drain; copper B. M. nail	884.29
South Salem, in s. e. cor. of schoolyard; **iron post** stamped "Ohio—912—1914"	**912.348**

Lyndon e. to point 0.5 mi. s. of Harpers Station

Lyndon, in front of station; top of rail	911.9
Lyndon, 0.6 mi. e. of, at highway bridge over B. & O. Ry. track, in top of rock supporting iron post; chiseled square	915.50
Harpers Station, 1.5 mi. w. of, at highway + ing	914.98
Harpers Station, 0.15 mi. w. of, 60 ft. e. of private + ing, in top of stump of telegraph pole; **copper** B. M. **nail**	**946.439**
Harpers Station, 0.5 mi. e. of, n. end of stone culv. under B. & O. S. W. Ry.; chiseled square	930.74
Harpers Station, 1.5 mi. e. by 0.5 mi. n. of, on n. e. cor. of abut. of iron bridge over Little Creek; chiseled square	862.23

Greenup Quadrangle

Sciotoville southeast to Wheelersburg

Wheelersburg, in foundation sandstone under s. w. cor. of Baptist church; **bronze tablet** stamped "561 I"	**562.766**

Wheelersburg east toward Chaffins Mills

Wheelersburg, 3.2 mi. e. of, Porter Tp., in rear of district schoolh. No. 7, 90 ft. in rear and in line with side of; **copper bolt** stamped "584 I" (destroyed, 1916)	**586.677**

Wheelersburg south to Haverhill

Wheelersburg, 2 mi. s. of; Pine Creek, at s. w. cor. of large iron bridge across; on freestone foundation, chiseled sq. with cross in it, thus: ⊞	531.43
Haverhill, 1.6 miles n. w. of, 8 ft. n. of n. gatepost, entrance to Joshua Oakes and Son's Drain Tile and Red Brick Factory, in Green township, 2.5 ft. w. of fence line on w. of road; on top of **iron post** stamped "546 I"	**548.726**

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Haverhill eastward to Old Ohio Furnace

	Feet
Haverhill, 3.2 miles n. e. of, 500 ft. back of brick store, 35 ft. s. of road, in sandstone ledge; **copper bolt** stamped "619 I"	**621.130**

Haverhill southeast to Ironton

Haverhill, 1.6 mi. s. e. of, on Lawrence-Scioto Co. stone monument n. e. side of road, about 300 feet s. e. of brick house on s. w. side of road; chiseled sq.	548.05
Hanging Rock, 2.6 miles n. w. of, brick church (Ohio Baptist 1864), in front of front door, in s. e. cor. of top step of stone steps; **cor. bolt** stamped "551 I"	**553.086**

Portsmouth n. along Norfolk & Western Ry.

Portsmouth, s. w. corner of stone step, s. side of Norfolk & Western Ry. station; chiseled square	534.69
Portsmouth, 1.7 mi. n. w. of, 360 ft. n. w. of Vera Tower, on e. end of s. abut. of N. & W. Ry. trestle approach to bridge over Scioto River; chiseled sq.	535.60

Portsmouth e. along B. & O. Southwestern R. R.

Portsmouth, N. & W. Ry. and B. & O. S. W. Ry. crossing; top of rail	530.9
Portsmouth, n. e. corner of Tracy Park; **iron post** stamped "Prim. Trav. Sta. No. 27—1910—532"	**531.683**
Portsmouth, e. end of door sill of main entrance, n. side of station building; chiseled square with cross on it (Norfolk & Western Ry. bench mark)	534.74
New Boston, 1 ft. e. of station sign post; **iron post** stamped "534"	**533.728**
New Boston, n. e. cor. of sta. platform, 50 ft. w. of rd. +ing; bolt head painted white	532.60

On left shore of Ohio River (Army Engineers' precise line)

Greenup, Ky., 1.9 mi. above landing, 2830 ft. below mouth of Uhlands Run, U. S. Army Engineers' B. M. 332-A, 1100 ft. below U. S. Post Light No. 170, on 5 x 6 ft. bowlder; **cut** on sloping river face, at downstream end of rock, Elev., 496.372	**495.869**
Greenup, Ky., on highway brg. over Little Sandy River, U. S. Army Engineers' B. M. 335-A, on e. face of e. channel pier, **cut** on third course of stone above ground (1900) 9.2 ft. n. of s. cor. of pier; Elev., 494.610	**494.107**
Sciotoville, Ohio, 5.4 mi. above, on Kentucky shore, on C. & O. Ry. culv. over Big Rocky Run, U. S. Army Engineers' B. M. 343-A, **cut** on top stone of e. end of culv., 1.5 ft. s. of n. side and 1.1 ft. w. of e. face of culv., Elev., 517.439	**516.934**
Portsmouth, Ohio, at n. e. cor. of Gallia and Chillicothe Sts., U. S. Army Engineers' B. M. 354-A, **cut** on first course of foundation above ground (1900) on s. e. cor. of postoffice, 1 ft. n. of s. e. cor. of building, Elev., 535.636	**535.129**

Greenville Quadrangle

Savona n. w. to Clark sta., thence n. to Darke, thence e. to New Harrison, thence s. to point 2 mi. e. of Arcanum

Clark station, (Noggle P. O.), in n. face of n. w. cor. of Noggle & Sons' elevator, **aluminum tablet** stamped "1095 ADJ 1905"	**1095.160**
Clark Sta., 0.4 mi. n. by 1 mi. w. of, s. e. cor. of +roads, on e. end of **steel drain**; highest point	**1147.244**
Palestine, at e. side of Christian church, in base of chimney, **aluminum tablet** stamped "1104 ADJ 1905"	**1104.122**

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	Feet
Nashville, (Darke P. O.), in foundation at cen. of n. side of Pleasant Grove United Brethren church; **aluminum tablet** stamped "1093 ADJ 1905".....	1093.227
Mt. Pleasant, in w. face of n. w. cor. of Mt. Pleasant Lutheran church, 1000 ft. s. of +rds.; **aluminum tablet** stamped "1086 ADJ 1905".....	1086.282
Greenville, in w. face of n. w. cor. of Darke County courthouse, at s. cor. of Broadway and Fourth Sts., **aluminum tablet** stamped "1050 ADJ 1905".....	1050.091
Greenville, 3 mi. e. of, 3.5 mi. w. of New Harrison, in w. face of n. w. cor. of Zion Church, at s. e. cor. of T rd. s.; **aluminum tablet** stamped "1049 ADJ 1905"	1048.537
New Harrison, in n. e. cor. of Penna. Ry. brg. over Greenville Creek, in brg. seat; **aluminum tablet** stamped "987 ADJ 1905".....	986.577
Landis, 0.8 mi. s. w. of, at s. w. cor. of +rds., in n. face of n. e. cor. of Oakland schoolh., Sub-district No. 8. **aluminum tablet** stamped "1029 ADJ 1905"	1029.066
Arcanum, 2 mi. e. by 1 mi. n. of, 800 ft. n. of +rds., in brg. seat at s. w. cor. of small iron brg. over Painters Cr.; **aluminum tablet** stamped "1028 ADJ 1905"	1027.635

Nashville n. via roads and e. along Big Four Ry. to Versailles, thence s. along highway to New Harrison

Woodington, 3 mi. w. of, on n. side of rd. near T rd. to s., in large stone door sill to schoolh.; **aluminum tablet** stamped "1068 ADJ 1905"	1068.283
Elroy station, s. side of public road, 300 ft. n. of track, in n. face of n. e. cor. of schoolh., (Dist. No. 12); **aluminum tablet** stamped "1031 ADJ 1905"	1031.233
Ansonia, in water table in s. face of s. w. corner of M. E. Church; **aluminum tablet** stamped "1006 ADJ 1905"	1005.985
Dawn, s. of center of section 20, 3 miles e. of Ansonia, in w. face at n. w. corner public school building; **aluminum tablet** stamped "1021 ADJ 1905"..	1022.332
Versailles, 2.5 mi. w. of, halfway between two rd. +ings, in w. face of small stone culv. 263; **aluminum tablet** stamped "1002 ADJ 1905"	1002.171
Versailles, 2.75 mi. s. w. of, on n. and s. rd., in bridge seat at s. w. corner of bridge over Stillwater River; **aluminum tablet** stamped "964 ADJ 1905"....	963.536
Horatio, 1 mi. e. of, Dunkard Church, 2.75 miles n. of Gettysburg, in s. face of s. w. corner of church; **aluminum tablet** stamped "1014 ADJ 1905".....	1014.088

Guyandot Quadrangle

Left shore of Ohio River (Army Engineers' precise line)

Guyandot, W. Va., on highway suspension brg. over Guyandot River, Army Engineers' U. S. B. M. 304-A; on n. cor. of e. pier, on third course of **stone** from ground, Elevation, 534.544.....	534.047
Huntington, W. Va., n. e. cor. of 10th St. and 2nd Ave., between C. & O. and O. R. Rys.; Army Engineers' U. S. B. M. 307-A; **cut** in w. face of stone founda. of bldg., 18.8 ft. s. of n. cor. bldg. and 1.5 ft. below floor, bldg. occupied (1899) by Schon, Blake & Stevenson Wholesale Grocery Co., Elev., 547.853	547.355

Halls Corners Quadrangle

Point 2 mi. n. of Antwerp to point 5 mi. n. w. of Antwerp

Antwerp, 2 miles n. by 1 mi. w. of, at n. w. corner of sec. 21, Carryall township, at T road; **iron post** stamped "739".....	739.237
Antwerp, 2 mi. n. by 2.5 mi w. of, at road crossing, s. side of sec. 18, Carryall township; spike in base of telephone pole	741.56
Antwerp, 2 mi. n. by 3 mi. w. of, at rd. +ing on State line; spike in base of telephone pole....	740.63

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	Feet
Antwerp, 3 mi. n. by 3 mi. w. of, at s. w. cor. of sec. 7, on State line; **iron post** stamped "744"	**744.083**
Antwerp, 4 mi. n. by 3 mi. w. of, n. w. cor. of sec. 7, at T rd. on State line; s. w. cor. of abut. of cement bridge	742.47

Antwerp s. w. along Wabash Ry. and highways to State line, thence s. along State line to point 1 mi. s. of Baldwin

Antwerp, 1.4 mi. w. of, at railroad water tank; circle on n. w. cor. of stone found'n, painted "739.8"	739.87
Antwerp, 2 mi. s. w. of, rd. +ing; top of s. rail of Wabash Ry., painted "741.0"	741.07
Antwerp, 2.2 mi. s. w. of, at T rd. w. on concrete wall s. end of culv.; circle painted "T. B. M. 737.9"	737.99
Antwerp, 2.4 mi. s. w. of, at +roads, 40 ft. s. of +roads; **iron post** "743 Ohio"	**743.203**
Antwerp, 3.4 mi. s. w. of, at crossroads on State line, in fence post on s. bank of e. w. canal; spike painted "743.0"	743.15
Antwerp, 4 mi. s. w. of, at State line road crossing; top of s. rail of Wabash R. R., painted "T. B. M. 745.9"	746.05
Antwerp, 3.5 mi. w. by 3 mi. s. of, at n. e. cor. of, T rd. e.; **iron post** "746 Ohio"	**746.232**
Antwerp, 3.5 mi. w. by 4 mi. s. of, at n. e. corner of T road e.; spike in fence post, painted "746.8"	746.96
Antwerp, 3.5 mi. w. by 5 mi. s. of, at n. e. corner of T road east; spike in telephone pole, painted "750.8"	750.96
Payne, 4 mi. w. by 1 mi. n. of, at T road e., 40 ft. n. of T on State line road; **iron post** stamped "753 Ohio"	**753.069**
Payne, 4 mi. w. of, 10 ft. e. of center of road at railroad crossing; top of s. rail, painted "T. B. M. 758.960"	759.12
Payne, 4 mi. w. by 1 mi. s. of, 100 ft. n. of T road e., on s. w. wing wall of small bridge; circle painted "757.3"	757.50
Payne, 4 mi. w. by 2 mi. s. of, at n. e. cor. of T road e.; **iron post** "763 Ohio"	**762.716**
McGill, 1.5 mi. w. by 1 mi. n. of, 120 ft. e. of R. Hammer's res., at s. e. cor. of T rd. e.; spike in base of fence post, painted "T. B. M. 762.5"	762.69
Baldwin, 1 mi. s. of, at n. e. cor. of T rd. e.; **iron post** stamped "Prim. Trav. Sta. No. 19, 1909 Ohio 768"	**768.543**

Hamilton Quadrangle

Hamilton w. along highway to St. Charles

Hamilton, w. edge of, draw bridge over Great Miami River, in n. w. abut., in top of third stone from bridge; chiseled square	595.31
Millville, covered bridge over Indian Creek, at s. e. cor., in top stone, 1.9 ft. above ground; chiseled square	627.01
Selkirk (Auburn), in top of stone to front entrance to brick schoolh. No. 7, n. w. cor. of stone, near brick wall; chiseled square	803.69
St. Charles, Reily Tp., St. Charles Joint District school, s. found'n wall, 1.8 ft. w. of, 2.9 ft. above ground; **aluminum tablet** stamped "921 CINN"	**921.159**

St. Charles along highway n. to Wood, thence northeasterly to Darrtown, thence s. e. to Overpeck

Wood, 0.5 mi. n. w. of, schoolh. Sub. dist. No. 1, in water table of found'n, e. side, 4 ft. n. of doorsill, 1.7 ft. above ground; **aluminum tablet** stamped "985 CINN"	**985.069**

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	Feet
Darrtown, 1.5 mi. s. w. of, on rd. n. w. to Oxford, n. w. end of small wooden bridge, in top stone of foundation; chiseled square	728.70
Darrtown, Sub-district No. 5 schoolh., in n. found'n wall at w. door to n. entrance; **aluminum tablet** stamped "742 CINN"	**741.799**
Darrtown, 2.25 mi. s. e. of, private road e. to e.-w. sec. road passing through Seven Mile, red iron brg. on top stone n. e. abut.; painted square	678.80
Seven Mile, Special Dist. school, in doorsill of front doorway; **aluminum tablet** stamped "652 CINN"	**651.802**
Seven Mile, in front of station, top of rail marked "643.4"	643.0

St. Charles along highway s. e. to Barnesburg, thence n. e. via Burlington to Furmandale, thence to Jones

New London (Shandon P. O.), schoolh. special district No. 7, in n. wall of foundation, 1.9 ft. from w. wall and 2.4 ft. above ground; **aluminum tablet** stamped "603 CINN"	**603.232**
New Baltimore (Sater P. O.), 2.6 mi. n. w. of road forks; white iron bridge in top of second stone from n. w. end of abut.; chiseled square	540.67
New Baltimore, red iron brg. over Miami River, in top stone of n. w. abut., 3 ft. above brg. floor, 3 ft. n. of n. w. truss; **aluminum tablet** stamped "543 CINN"	**542.407**
New Burlington, (Transit P. O.), schoolhouse district No. 12, in s. wall under window of vestibule, in stone above cellar window, 4.5 ft. from w. wall, 2.6 feet above ground; **bronze tablet** stamped "828 CINN"	**828.295**
Furmandale, sec. 34, 3 mi. s. of Hamilton, Mill Creek Valley Elec. road, District No. 6 schoolh., in s. found'n wall, 0.4 ft. from w. wall, 1 foot above ground; **aluminum tablet** stamped "606 CINN"	**606.321**

Rockdale, s. along C. H. & D. Ry. to Flockton (precise line)

Rockdale, 0.2 mi. n. of, on C. H. & D. Ry., w. end of stone culv. cov. by rd.-bed, on coping stone, 8 in. from s. face and 6 in. from w. face; **chiseled square** (C. & G. S. B. M. U3)	**630.346**
Hamilton, 2.5 mi. n. of sta., C. H. & D. Ry. bridge 16 over Miami River, on retaining wall at n. end of bridge seat, 4 in. from s. and e. faces; **chiseled square** (C. & G. S. B. M. P3)	**597.651**
Woodsdale, 0.25 mi. n. of, on C. H. & D. Ry., on s. abut. of brg. over Campbells Creek, w. end of brg. seat course, on large stone, 6 in. from n. and w. faces; highest point in circumscribed **1-inch square** (C. & G. S. B. M. T3)	**616.951**
Hamilton, on C. H. & D. Ry., 0.9 mi. n. of Union Station, at three-arched stone brg. over old River, on e. side, n. end. on second step below coping of wing wall, 5 in. from both e. and s. faces; highest point in **circumscribed square** (C. &. G. S. B. M. Q3)	**591.088**
Hamilton, on found. of courth. n. e. cor., in reentrant angle, 15 in. e. of e. pilaster of basement door and 3 in. n. of wall, being n. half of w. edge of surface inclosed in 2.5 in. **square** lettered "Datum, City Elevation 100" (C. & G. S. B. M. Hamilton city)	**601.631**
Hamilton, s. side of High Street, in e. face of courth., at n. e. cor., 3.9 ft. s. of cor., which is cornerstone of bldg., on first stone s. of cornerstone; **brass bolt** marked with horizontal line (C. & G. S. B. M. R3)	**605.317**
Hamilton, in s. e. quar. of city, s. face of C. H. & D. sta., on water table 33.5 in. from s. w. cor. and 2 in. above brick paving; **chiseled square** (C. & G. S. B. M. S3)	**596.001**
Hamilton, 2 mi. s. of, on e. end of small stone culv. opposite telegraph pole 745, Penna. R. R.; being highest point on **square** 2.25 in. on a side (C. & G. S. B. M. telegraph pole No. 745)	**610.259**

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	Feet
Hamilton, 2.2 mi. s. of, C. H. & D. Ry. culv. 13 (cattle pass), n. side, e. end, on fifth step below brg. seat course, 5 in. from s. and e. faces; **chiseled square** (C. & G. S. B. M. F4)	**602.340**
Flockton, 2 mi. n. of, on culv. 35a, e. side, n. end; highest point of **square** (C. & G. S. B. M. Pennsylvania Ry. No. 24)	**613.166**

Harrison Quadrangle

Point 4 mi. w. of Oxford along highways s. along or near state line to Scipio, thence e. to St. Charles

College Corner, 5 mi. s. of, 50 ft. w. of cov. brg. over Indian Creek, on s. side of rd. on fence line, about 0.5 mi. e. of Ohio-Indiana State line, in root of sycamore tree; copper B. M. nail, painted "874" on teleph. pole near	873.60
Peoria, 4.66 mi. n. e. of, near the s. line of sec. 31, T. 5 N., R. 1 E., on e. side of rd., at cor. of field, 870 ft. s. of Charles Burgess' res., on sandstone rock; chiseled square, painted "857" on corner fence post	856.93
Peoria, 3.63 mi. n. of, 0.8 mi. e. of Ohio-Indiana State line, on s. side of rd., in cor. of cultivated field, 100 ft. w. of L. Ware's res., in top of locust stump; copper B. M. nail, painted "931" on telephone pole	932.01
Peoria, 2.71 mi. n. of, on Ohio-Indiana State line, on n. abut. on e. side of new concrete brg.; chiseled square, painted "952" on bridge	951.78
Peoria, 1.76 mi. n. of, on Ohio-Indiana State line, directly in front of C. B. Moore's res., on w. side of road, in root of maple tree opposite T road e.; copper B. M. nail, painted "1018" on mail box post	1018.34
Peoria, 1.13 mi. n. of, on Ohio-Indiana State line; **iron post** stamped "1021 Ohio"	**1021.306**
Peoria, about 200 ft. e. of sta., 15 ft. s. of railroad, at ry. +ing, on concrete base to iron post, holding sign, "Ohio-Indiana State line," chiseled square; painted "1003" on iron post	1003.09
Peoria, 0.95 mi. s. of, on Ohio-Indiana State line, at T. C. Cowen's res., on s. end of e. parapet at concrete brg.; chiseled sq., painted "950" on parapet	949.76
Scipio, 1.08 miles n. of, on Ohio-Indiana State line, at n. w. cor. of +roads, 1 ft. w. by 1 foot s. from corner fence post, on large granite rock; chiseled square painted "951" on hitching post near	951.21
Scipio, in s. w. part of town, 20 ft. e. and 5 ft. n. to s. w. cor. of town hall, in town hall yard; **iron post**, stamped "Prim. Trav. Sta. No. 35-849"	**849.129**
Scipio, 1.23 mi. e. of, 150 ft. w. of +rds., at s. e. cor. of Clem Inloe's yard, on concrete base to cor. fence post; chiseled sq. painted "837" on cor. fence post	836.45
Scipio, 1.97 mi. e. of, in s. w. cor. of sec. 33, T. 4 N., R. 1 E., in root of elm tree 4 ft. in diameter; copper nail, painted "878" on teleph. pole opposite	878.30
Scipio, 3.12 mi. e. of, on s. abut. of small concrete brg.; chiseled sq. painted "902" on telephone post opposite	902.41

Scipio s. along State line to point 0.8 mi. s. of Harrison

Scipio, 1.06 mi. s. of, 50 feet s. of right angle turn in rd. in pasture field, 300 ft. e. of Clinton Wright's res., in root of 13-inch locust tree, copper B. M. nail, painted "757"	757.40
Scipio, 1.5 mi. s. of, on Ohio-Indiana State line, in cen. of rd. at right angle turn, on cor. stone rock; chiseled sq. painted "813" on fence corner	812.95
Scipio, 2.5 miles s. of, on Ohio-Indiana State line, 130 ft. s. of cor. stone in cen. of rd., on large rock on w. end of tile drain; chiseled sq. painted "898" on fence	898.36
Harrison, 5.5 mi. n. of, on Ohio-Indiana State line (by sec. line), 65 ft. n. of the cen. of T road e., on e. fence line, in root of poplar tree; copper B. M. nail painted "905" on fence opposite	905.07

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	Feet
Harrison, 4.5 mi. n. of, on Ohio-Indiana State line, on fence line directly opposite T rd. w.; **iron post** stamped "869 Ohio"	**868.461**
Harrison, 3.87 mi. n. of, at right angle turn in rd., directly opp. C. Snider's res., on anchor stone to cor. fence post; chiseled sq., painted "878" on post	877.81
Harrison, 2.5 mi. n. of, on Ohio-Indiana State line, on e. side of rd., at Fisher Shipp's mail box, in root of wild cherry tree, level with surface of ground; sixty penny spike, painted "889" on tree	888.77
Harrison, 2.05 mi. n. w. of, on w. side of Y rd. to n. and n. w., 2 ft. n. of fence line, in top of 24-in. oak stump; copper B. M. nail, painted "762" on fence post near (Indiana)	761.68
Harrison, 0.94 mi. n. w. of, on pike at s. e. cor. of brg., 145 ft. s. e. of Y rd., on abut.; chiseled square, painted "521" on bridge (Indiana)	520.77
Harrison, at n. e. cor. of State and Harrison Aves., on Ohio-Indiana State line, on circular stone curb; chiseled sq., "525" painted on teleph. pole opp.	524.72
Harrison, 0.8 mi. s. of, on w. side of State line pike, at pike e., 15 ft. e. and 15 ft. s. to junc. of pikes; **iron post** stamped "Prim. Trav. Sta. No. 33, 516"	**515.885**

Higginsport Quadrangle

Sardinia via Biehn, Russellville and Red Oak to Ripley

Sardinia, 1.7 mi. s. e. of, s. e. cor. of +roads, in base of telephone pole; spike marked "975.8"	975.93
Sardinia, 2.5 mi. e. of, Five Points (Biehn P. O.), +rds. at; **iron post** stamped "1000"	**1000.984**
Sardinia, about 3 mi. s. e. of, 0.8 mi. e. of Five Points or Biehn post office, N. & W. Ry. milepost "C 50+2467 ft." on s. w. cor. of cover stone, s. end of stone box culvert; **cross cut**	**998.964**
Russellville, about 4.5 mi. n. of, on Arnheim pike, in n. w. cor. of T rd. n.; **iron post** stamped "1045"	**1046.252**
Russellville, e. side of public square, 2 ft. n. of jail and voting house, 35 ft. w. of Ripley pike; **iron post** stamped "975"	**975.473**
Russellville, 2.8 mi. s. of, n. e. corner of crossroads, 25 ft. from center of crossroads; **iron post** stamped "927"	**928.002**
Ripley, 2.9 mi. n. e. of, s. e. corner of T road e., 10 ft. n. of e. end of small wooden bridge; **iron post** stamped "602"	**603.039**
Ripley, 2 mi. n. e. of, T rd. w. at schoolh. n. w. cor. of road forks, on large stone; chiseled cross marked "543.7"	544.75
Ripley, 1.3 mi. n. e. of, in cen. of rd. forks, on top of stone; chiseled cross, marked "536.0"	537.02

Ripley n. w. and n. along O. R. & C. Ry. through Levanna to point near Sardinia

Ripley, s. w. cor. of, Main and Second Streets, 8 ft. w. of cor., on stone curbing; chiseled square	506.42
Ripley, 0.8 mi. n. w. of trestle over Cornick Run, in w. end of s. guard rail; copper B. M. nail, marked "506.9	506.90
Ripley, 2 mi. n. w. of, trestle over creek, in e. end of s. guard rail; copper B. M. nail marked "507.683"	507.69
Levanna, T rd. n. at post office, on s. side of rd., at s. w. cor. of small wooden brg. over drain; **iron post** stamped "Prim. Trav. Sta. No. 30, 1910 Ohio 514"	**513.726**
Levanna, 1.25 mi. w. of, at Fishing Shore sta., on s. w. cor. of stone found'n of wagon scales between public rd. and railroad, in front of Ohio Valley Summer Resort; chiseled square	505.42

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	Feet
Levanna, 1.8 mi. n. w. of, at bend to n. 1 ft. s. of warning post, s. w. cor. of road crossing; **iron post** stamped "518"	**517.529**
Levanna, 2.8 mi. n. w. of, at Reeds station, n. e. cor. of road crossing, in base of fence post; spike marked "504.8"	504.83
Levanna, 3 mi. n. w. of, 0.3 mi. n. of Reeds sta., n. side of rd. crossing, in s. end of e. guard rail of small wooden bridge; bolt head painted white	506.80
Levanna, 4.3 mi. n. w. of, Center Point sta., at n. w. cor. of sta. platform; copper B. M. nail	526.52
Georgetown, 4.2 mi. s. of, 0.9 mi. s. of Hillmans sta., in n. end of e. guard rail of small wooden trestle; copper B. M. nail marked "635.5"	635.55
Georgetown, 3.3 mi. s. of, at Hillmans sta., 50 ft. w. of railroad, on s. side of public rd., at rd. +ing; **iron post** stamped "732"	**732.488**
Georgetown, 0.9 mi. s. e. of, on w. side of railroad, in base of telegraph and mi. pole 12; spike marked "923.7"	923.76
Georgetown, 55 ft. w. of railroad crossing, 20 ft. w. of n. w. cor. of station, s. side of road; **iron post** stamped "935"	**935.420**
Georgetown, 1 mi. n. e. of, in base of first telegraph pole s. of mi. pole 14; spike marked " 957.9"	957.98
Georgetown, 1.7 mi. n. e. of, s. e. cor. of rd. +ing, in base of warning post; spike marked "958.1"	958.20
Georgetown, 3.2 mi. n. e. of, s. e. cor. of rd. +ing at East Wahlsburg station; **iron post** stamped "957"	**957.214**
Georgetown, 3.9 mi. n. e. of, s. w. cor. of rd. +ing, in base of fence post; spike marked "956.9"	957.03
Georgetown, 4.9 mi. n. e. of, 10 ft. w. of ry., s. end of small wooden brg., a+ road at +ing at West Arnheim station; copper B. M. nail	957.36
Brownstown, 1.8 mi. s. w. of, w. side of ry., in mi. pole 19; spike marked "966.8"	966.85
Brownstown, 1.3 mi. s. w. of, n. w. cor. of private road +ing, in s. e. cor. of platform; copper B. M. nail marked "969.3"	969.41
Brownstown, n. e. cor. of sta. platform; copper B. M. nail marked "975.55"	975.64
Brownstown, n. w. cor. of +roads; **iron post** stamped "967"	**966.755**
Sardinia, 1.3 mi. s. w. of, on w. side of track, in base of teleph. pole 975; spike marked "961.2"	961.26

Point near Levanna w. along highway to Higginsport, thence n. to point near Georgetown

Higginsport, 3.5 mi. e. of, in n. w. cor. of small steel bridge over creek at rd. forks; copper B. M. nail marked "497.8"	497.84
Higginsport, 2 mi. e. of, n. e. cor. of T road n. up Sink Creek, in base of telephone pole; spike marked "516.099"	516.10
Higginsport, 0.8 mi. e. of, n. e. cor. of large steel bridge over White Oak Cr. at road forks; copper B. M. nail marked "496.9"	496.86
Higginsport, 0.5 mi. n. e. of, on south side of road, in base of telephone pole; spike marked "500.930"	500.92
Higginsport, 1.6 mi. n. e. of, private road w. at Boat Run, in n. w. corner of small steel bridge across creek; copper B. M. nail marked "508.35"	508.34
Higginsport, 3 mi. n. e. of, s. w. cor. of T road w. uphill, on s. w. corner of stone drain; painted square marked "532.7"	532.67
Higginsport, 3.8 mi. n. e. of, on Georgetown pike, 4 mi. s. w. of Georgetown, 100 ft. w. of covered bridge over White Oak Creek, s. e. cor. of rd. forks; **iron post** stamped "546"	**545.766**

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	Feet
Georgetown, 3.8 mi. s. w. of, at top of hill on dirt rd., in base of post at n. end of gate into field, at n. end of barn; copper B. M. nail marked "860.4"	860.35
Georgetown, 2.5 mi. s. w. of, 200 ft. n. e. of schoolh., s. w. cor. of +roads, in s. end of drain; copper B. M. nail marked "881.2"	881.16
Georgetown, 3.2 mi. w. of, s. w. cor. of rd. forks, in base of telephone pole; copper B. M. nail marked "930.0"	929.99
Georgetown n. w. along highway 3 mi.	
Georgetown, n. e. cor. of Main St. and Grant Avenue, 9 ft. w. of s. w. cor. of Lewis Hotel, on concrete curbing; chiseled square marked "928.3"	928.34
Georgetown, 1.6 mi. w. of, cen. of road forks, in base of teleph. pole; spike marked "702.8"	702.93
Higginsport w. 2 mi., thence n. to Hamersville	
Higginsport, s. w. cor. of Columbia & White Oak Sts.; **iron post** stamped "507"	**507.162**
Higginsport, 1.3 mi. s. w. of, w. of T rd. n. uphill, in n. e. cor. of small steel brdg. floor; copper B. M. nail marked "502.7"	502.71
Boudes Ferry, 3.5 mi. n. e. of, on large stone in cen. of rd. forks; painted sq. marked "828.0"	828.03
Hamersville, 1.2 mi. s. of, s. w. cor. of T rd. w., in base of fence post; spike marked "957.6"	957.61
Georgetown e. along electric railroad to Russellville	
Georgetown, 0.9 mi. e. of, in base of pole 2335; spike marked "942.921"	943.01
Georgetown, 2.1 mi. e. of, on n. side of railroad, in s. w. cor. of drain across rd.; spike marked "878.2"	878.31
Georgetown, 2.7 mi. e. of, w. bank of Straight Creek, w. abut. s. end of railroad bridge over rd. and creek at forks; chiseled sq. marked "840.7"	840.81
Georgetown, 3.5 mi. e. of, n. w. cor. of rd. +ing, in base of trolley brace pole; spike marked "888.804"	888.91
Russellville, 2.3 mi. w. of, on Georgetown pike, s. e. cor. of T rd. s., in base of telephone pole; spike marked "928.7"	928.81
Russellville, 1 mi. w. of, s. w. cor. of brdg. floor, at T rd. s.; copper B. M. nail marked "919.5"	919.60
Point near Mount Orab s. to point near Hamersville	
Mount Orab, 2.1 mi. s. of, s. w. corner of crossroads, in base of telephone pole; spike marked "944.7"	944.71
Mount Orab, 3.4 miles s. of, n. e. corner of road forks, in base of telephone pole; spike marked "945.3"	945.31
New Hope, n. e. corner of Philip Krum's store, 10 ft. e. of, on west side of Georgetown pike; **iron post** stamped "889"	**888.574**
New Hope, 0.9 mi. s. of, on w. side of road at road forks, in base of brace to telephone pole; spike marked "848.4"	848.39
New Hope, 1.6 miles s. w. of, s. e. corner of road forks, in e. end of wooden drain; spike head painted white, marked "931.979"	931.99
White Oak Valley, 1 mi. north of, 200 ft. w. of one-story brick house, in s. e. cor. of small wooden brg. across creek; copper B. M. nail marked "878.1"	878.15
White Oak Valley, 200 ft. n. of covered bridge over White Oak Creek, s. w. corner of road forks; **iron post** stamped "799"	**799.196**
White Oak Valley, 0.7 mi. w. of, on n. bank of creek, s. w. corner of forks, on large stone at base of fence post; painted square marked "850.0"	850.01

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	Feet
White Oak Valley, 1.25 mi. w. of, n. e. corner of crossroads on Unity Creek, on stone at fence post; painted square marked "886.2"	886.22
White Oak Valley, 1.25 mi. w. by 0.5 mi. s. w. of, at e. end of wooden drain at road forks; nail head painted white marked "927.1"	927.12
Locust Ridge s. to Hamersville, thence s. e. to near Georgetown	
Locust Ridge, 0.7 miles e. of, s. w. corner of T road s., in base of fence post; spike marked "931.6"	931.68
Locust Ridge, 0.7 mi. e. by 0.7 mi. s. of, s. w. corner of crossroads, at s. end of stone drain; painted square marked "925.7"	925.72
Locust Ridge, 0.7 mi. e. by 1.5 mi. s. of, s. w. corner of crossroads, in base of telephone pole; spike marked "934.2"	934.23
Hamersville, n. w. corner of Main and Orchard Streets, 40 ft. n. w. of center of street crossing, on w. side of Orchard Street; **iron post** stamped "968"	**967.767**
Hamersville, 1.4 mi. s. e. of, s. e. corner of crossroads at schoolhouse, in e. end of wooden drain; copper B. M. nail marked "978.069"	978.07
Hamersville, 1.8 mi. s. e. of, s. w. corner of crossroads, in base of telephone pole; spike painted "966.832"	966.86
Hamersville, 3.2 mi. s. e. of, n. e. cor. of T rd. n., in base of teleph. pole; spike marked "946.0"	945.98
Georgetown, 3 mi. n. w. of, n. e. corner of rd. forks, in small wooden bridge at s. e. corner; copper B. M. nail marked "895.0"	894.98
Georgetown, 2.8 miles w. of, n. e. corner of road forks, 100 feet w. of small wooden bridge across pike; **iron post** stamped "881"	**881.061**
On left shore of Ohio River (precise line of Army Engineers)	
Higginsport, Ohio, 1¼ mi. above, on Kentucky shore, Army Engineers' U. S. B. M. 421-A, on 15th course of river end of abut. of C. & O. Ry. brg. No. 615.6 over road at Stony Pt.; **cut** on downstream wing wall, Elev. 488.532.	**488.006**
Augusta, Ky., s. e. cor. of Front and Upper Sts., Army Engineers' U. S. B. M. 425-A, on brick bldg. (Smith's Hotel in 1900), 18 ft. s. of n. w. cor. of: **cut** on stone water table Elev. 505.032	**504.504**

Hillsboro Quadrangle

Mayhill to Emerald	
Mayhill, at rd. +ing; **iron post** stamped "Prim. Trav. Sta. No. 82, Ohio 1909"	**1013.396**
Mayhill, 0.8 mi. w. of, on n. side of highway at rd. +ing, about 40 ft. n. of large oak tree, on limestone rock; chiseled circle	846.93
Mayhill, 3.4 mi. w. of; spike in root of large oak tree at rd. forks	940.61
Mayhill, 5.4 mi. w. of, at Buck Run, e. of highway at T rd., about 100 ft. s. of H. N. Barrackman's house; **iron post** stamped "932"	**932.427**
Emerald, 4.3 mi. e. of, at T rd., cen. of rd., on limestone rock; chiseled circle	949.01
Emerald, 2.8 mi. n. e. of, 10 ft. s. of rd. e.-w. and 40 ft. w. of road n.-s. at rd. +ing, 300 ft. n. of Highland Co. line, on limestone rock; chiseled circle	980.15
Mayhill s. w. to point 2.4 mi. n. of Tranquility	
Mayhill, 0.3 mi. s. w. of, e. of pike, at rd. forks; copper B. M. nail in root of poplar tree	1014.84
Mayhill, 1.7 mi. s. w. of, about 15 ft. n. of mail box at T rd. in front of W. S. Moore's res., on stone in pike; chiseled circle	1027.24

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Point s. of New Vienna e. along highway to Barrett School

	Feet
New Vienna, 5.8 mi. s. of, 5.2 mi. n. w. of Hillsboro, s. end of e. entrance step to red brick schoolh., 900 ft. n. of +rds.; chiseled sq. marked "1124.9"	1124.90
New Vienna, 6 mi. s. by 1.7 mi. e. of, n. e. cor. of +rds; **iron post** stamped "Prim. Trav. Sta. No. 63, 1909, Ohio 1092"	**1091.59**
Hillsboro, 3 mi. n. of, 1.4 mi. w. of Leesburg rd., 200 ft. s. of T rd. w., n. e. cor. of stone abut. of wooden bridge; chiseled square, marked "965.3"	965.25
Hillsboro, 3 mi. n. of, 1.1 mi. w. of Leesburg rd., 0.25 mi. e. of junc. of pike and T rd. e , w. abut. of brg. over Clear Creek; chiseled sq. marked "960.4"	960.37
Clear Creek, under bridge; water surface, June 29, 1914, 11:00 A. M	948.8
Hillsboro, 3 mi. n. of, 2.68 mi. s. of Samantha, e. side of pike at T rd. w., iron spike driven hor. in butt of teleph. pole; top of spike head marked "1069.8"	1069.71
Hillsboro, 3 mi. n. by 1.1 mi. e. of, at T rd. s., Old Anderson State Road, on limestone rock outcrop; painted circle marked "1067.2"	1067.34
Hillsboro, 3 mi. n. by 1.3 mi. e. of, w. end of culv. on Old Anderson State Rd., near ford of Clear Cr., on sharp rock pt.; painted circle marked "959.4"	959.54
Hillsboro, 3 mi. n. by 3 mi. e. of, s. side of high ridge, n. e. cor. T rd. e., top of white limestone outcrop; chiseled sq. marked "1056.9"	1057.02
Hillsboro, 3 mi. n. by 4.1 mi. e. of, s. side of rd. near Thomas Buntain's res., in root of white-oak stump 3 ft. in dia.; copper B. M. nail marked "1048.6"	1048.73
Hillsboro, 3 mi. n. by 5.1 mi. e. of, s. e. wing wall of brg. over open country ditch; chiseled square, marked "999"	999.15
Petersburg, 4 mi. s. w. of, n. end of iron drain pipe at T road s. e.; painted square, marked "1035.4"	1035.59

Point n. of Hillsboro s. to Hillsboro, thence e. to Beech Grove School

Hillsboro, 2.27 mi. n. of, 75 ft. n. w. of the n. w. cor. of the Hillsboro pumping sta. on e. side of Leesburg rd., on w. end of sandstone retaining wall to driveway; chiseled square, marked "946.1"	946.14
Hillsboro, 0.76 mi. n. of courthouse square, at n. e. cor. of T rd. e., in base on w. side of teleph. pole; copper B. M. nail painted "1033.8"	1033.79
Hillsboro, 30 ft. n. of s. e. cor. of courthouse square, on concrete curbstone; chiseled square painted "1129.8"	1129.77
Hillsboro, in n. e. cor. of courthouse yard, 10 ft. s. of s. w. cor. of Soldiers' Monument; **iron post** stamped "1132 Ohio"	**1131.778**
Hillboro, 0.44 mi. e. of courth. at road forks on n. side of Chillicothe road, on s. side of concrete base for teleph. pole, chiseled sq. painted "1094.9"	1094.92
Hillsboro, 1.48 mi. e. of, 200 ft. w. of T rd. n., water elm tree 18 in. in diameter, in root on s. side of; copper B. M. nail painted "1031.6"	1031.54
Hillsboro, 2.44 mi. e. of, on Chillicothe road, 150 ft. w. of T road s. on s. side of pike, s. w. cor. of concrete watering trough, chiseled sq. painted "1047.3"	1047.22
Hillsboro, 3.61 mi. e. of, on Chillicothe road, 400 ft. e. of Clear Creek bridge, at n. w. cor. of T rd. n., on w. end of stone culv. under pike, chiseled sq. painted "897.6"	897.44
Hillsboro, 3.7 mi. e. of, at Houp schoolh., 200 ft. s. of, sour gum tree 18 in. in diameter, in root on e. side of, copper B. M. nail painted "1039.0"	1038.86
Hillsboro, about 4.7 mi. e. of, n. e. cor. of iron bridge over Clear Creek; bolt head painted "881.9"	881.77
Dallas (Boston), about 1.8 mi. s. e. of, in Beech Grove schoolh. yard, 60 ft. n. of n. w. cor. of schoolh., beechnut tree 3 ft. in diameter, in root on n. side of; copper B. M. nail painted "1022.5"	1022.34

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	Feet
Dallas (Boston), about 1.8 mi. s. e. of, at n. e. cor. of crossroads, 220 ft. n. of Beech Grove schoolh.; **iron post** stamped "1023 Ohio"	**1023.250**

Hillsboro w. along B. & O. S. W. Ry. to near Hoagland, thence n. along highway to point 5.8 mi. s. of New Vienna

Hillsboro, 0.31 mi. w. of courth. sq., at s. w. corner of Main and Elm. Sts., on s. end of stone culv. over gutter; chiseled square painted "1088.9"	1088.95
Hillsboro, 1.13 mi. w. of courth. sq., at B. & O. S. W. Ry. +ing on Wilmington rd., n. side of rd., in base of ry. +ing sign post; ry. spike painted "1043.1"	1043.10
Hillsboro, 1.67 mi. w. of, at junction of B. & O. S. W. and N. & W. Rys., at point where B. & O. S. W. crosses the Cincinnati rd. on n. side of pike, in base of ry. +ing sign post; ry. spike painted "1039.4"	1039.52
Hillsboro, 2.62 mi. w. of, at B. & O. S. W. Ry. +ing, highest point on w. end of 10-in. earthen drain tile under pike; square painted "1031.5"	1031.57
Hoagland, 0.2 mi. e. of, 35 ft. s. of C. & C. Electric car line, 35 ft. n. of B. & O. S. W. Ry. 20 ft. e. of wagon rd. +ing both tracks, water elm tree, 18-in. in diameter, in root on w. side of; copper B. M. nail painted "1061.5"	1061.67
Hoagland, 0.2 mi. e. of, along B. & O. S. W. Ry. and C. & C. traction line, on w. side of road +ing both tracks 10 feet s. of property line of electric line and 15 ft. w. from cen. of road; **iron post** stamped, "1063"	**1063.080**
Hoagland, 0.7 mile n. of, n. in cen. of T rd. w., top of boulder 2 ft. in diam.; chiseled sq. painted "1174.3"	1174.45
Hoagland, 2.5 miles n. of, 4.9 miles n. w. of Hillsboro, at s. w. cor. of T road w., on base of cor. fence post; spike painted "1133.3"	1133.48

Beech Grove schoolhouse along highway s. 3.6 miles, thence w. to New Market, thence n. to Hoagland

Clear Creek, at ford, about 2.7 miles s. e. of Dallas (Boston), water surface, October 5; elevation painted "858.0"	857.82
Dallas (Boston), 4.1 mi. s. e. of, at T rd n., 4-ft. white oak on s. side of rd., in root on n. side of; copper B. M. nail painted "974.7" (On Bainbridge Quad)	974.55
Marshall, 1.4 mi. n. w. of, at s. e. cor. of +roads, 15-inch sycamore tree in root on w. side of; copper B. M. nail marked "988.8"	988.70
Marshall, about 1 mi. w. of, on top of 10-in. sandstone, in cen. of +roads, protruding 4 in. above roadbed; chiseled sq. painted "1050.6"	1050.42
Marshall, 1.9 mi. s. w. of, at n. w. cor. of T road n., in base of cor. fence post; copper B. M. nail painted "1074.8"	1074.64
Marshall, 3.1 mi. w. of, on old Cincinnati and Chillicothe rd., at n. w. cor. of T rd. n., in base of cor. fence post; copper B. M. nail painted "1061.2"	1061.13
Berrysville, 0.7 mi. n. w. of, 20 ft. w. of center of +roads, on s. end of sandstone culv.; chiseled sq. marked "1044.6"	1044.44
Berrysville. 0.7 mi. n. w. of, 10 ft. e. of s. e. cor. of +rds.; **iron post** stmpd. "1045"	**1044.762**
Berrysville, 0.7 mi. n. w. by 1.17 mi. w. of, 150 ft. e. of T rd. s., on n. side of road, 24-in. granite boulder, protruding 2 ft. from ground, around highest point of; chiseled sq. painted "1095.6"	1095.57
New Market, 3.75 mi. e. of, at +rds. on old Cincinnati and Chillicothe rd., at s. w. cor. of rd. +ing, on highest point on n. end of 10 in. earthen drain tile under driveway into field; painted square marked "1122.3"	1122.23
New Market, 1.97 mi. e. of, at +rds. in n. e. cor. of Harrisburg schoolh. yard, District No. 4. New Market Township; **iron post** stamped "Prim. Trav. Sta. No. 88 Ohio 1909, Elevation 1113"	**1112.872**
New Market, 1.49 mi. e. of, at T rd. s., directly in cen. of T rd., on highest point on granite boulder; painted square marked "1165"	1164.93
New Market, 5 ft. s. of the s. w. cor. of +rds.; **iron post** stamped "1137"	**1137.069**

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	Feet
New Market, 0.88 mi. n. of, 10 ft. w. of s. w. cor. of T rd. w., on s. end of 10 in. earthen drain tile under road; highest point painted "1141.2"	1141.12
New Market, 1.8 mi. n. of, at s. w. cor. of +rds., on highest point of w. end of 12 inch earthen tile under road; square painted "1119.1"	1118.98
Hillsboro, 5 mi. s. w. of, at N. & W. Ry. +ing; top of s. rail marked "1080.9"	1080.8
Hillsboro, about 4.5 mi. s. w. of, on Hillsboro and Danville pike, 500 ft. n. of N. & W. Ry. +ing, at n. w. cor. of +rds., on 12-in. sandstone boulder; chiseled square painted "1091.3"	1091.24
Hoagland, 1.07 mi. s. of, on e. side of rd., on w. end of 24 in. earthen drain tile under road; chiseled square painted "1120.2"	1120.12
Hoagland, 0.5 mi. s. of, 30 ft. n. e. of s. w. cor. of T rd. w., directly in cen. of rd., on top of 8-in. limestone boulder, protruding 2 inches above road bed; chiseled square painted "1132.0"	1131.86
Hoagland w. along C. & C. Traction Ry. to point 0.9 mile west of Fairview	
Hoagland sta., 300 ft. w. of car stop, at C. & C. traction +ing; top of n. rail painted "1068.9"	1068.7
Hoagland, 0.94 mi. w. of, 400 ft. w. of former res. of Henry Saum, on n. side of pike, in base of teleph. pole; copper B. M. nail marked "1063.0"	1062.92
Hoagland, 1.74 mi. w. of, 20 ft. w. of T rd. s., on n. w. abut. of small wooden brdg.; chiseled square painted "1040.0"	1039.94
Fairview, 550 ft. w. of Cincinnati and Columbus traction sta., at n. w. cor. of +rds. in base on s. side of teleph. pole; rail spike marked "1026.2"	1026.09
Fairview, 0.9 mi. w. of, T rd. n. w.; top of rail marked "1023.0"	1023.0
Fairview s. along highway to point 0.5 mi. s. w. of Danville	
Fairview, 1.13 mi. s. of, at n. w. cor. of T rd. w., on n. end of stone culvert under rd.; chiseled square painted "1052.1"	1052.00
Fairview, 1.42 mi. s. of, 20 ft. w. of s. e. cor. of T rd. e., on s. w. concrete abut. of small wooden bridge; chiseled square marked "1030.9"	1030.81
Fairview, 2.34 mi. s. of, on e. side of rd. directly opposite T rd. w., about 300 ft. s. of T rd. e., in base of teleph. pole; copper B. M. nail marked "1041.8"	1041.78
Fairview, 2.76 mi. s. of, on e. side of road directly e. of s. w. cor. of T rd. w. on highest point of e. end of 10-inch steel drain pipe under road; painted square marked "1041.8"	1041.74
Fairview, 3.09 mi. s. of, at s. e. cor. of T road e., in base of cor. fence post; copper B. M. nail painted "1043.9"	1043.81
Danville, about 0.30 mi. w. of, at n. w. cor. of T road n., on w. end of stone culvert under road; chiseled square painted "1073.2"	1073.17
Danville, 0.5 mi. s. w. of, at rd. forks, 80 ft. e. of the farm residence of Gus Caley, 40 ft. w. of the point where road forks; **Iron post** stamped "Prim. Trav. Sta. No. 87 1909 Ohio, Elevation 1067"	**1066.633**
Point 2 mi. s. of Danville n. e. along highway to New Market	
East Danville, about 0.8 mi. w. of, at iron brg. +ing small cr., on n. e. sandstone abut.; chiseled square painted "1007.0"	1006.95
East Danville, 0.40 mi n. w. of, at s. e. cor. of +rds., on s. end of concrete culvert under pike; chiseled square marked "1036.4"	1036.29
East Danville, 0.40 mile n. w. by 0.87 mile n. e. of, at road forks 0.20 mi. s. w. of N. & W. Ry. +ing, on s. side of road, in root on east side of 12-inch black locust tree; copper B. M. nail marked "1087.0"	1086.85
East Danville, 1.07 mi. n. e. of, at N. & W. Ry. +ing; top of e. rail painted "1096.0"	1095.91

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	Feet
New Market, 1.0 mile w. by 0.10 mi. s. of, at n. w. cor. of T rd. w., on n. end of sandstone culvert under pike; chiseled square marked "1076.5"...	1076.29
New Market, 0.7 mile w. of, at n. e. cor. of T road n. on top of 24-inch sandstone boulder; chiseled square marked "1083.1".....	1082.86

Point 2 mi. s. of Danville s. along highway and N. & W. Ry. to Taylorsville

Danville, 2 mi. s. by 0.20 mi. s. w. of, on n. side of rd. directly n. of the s. e. cor. of T rd. s., on n. end of sandstone culv. under pike; chis. sq. marked "1044.3"	1044.27
Taylorsville sta., 1.4 mi. n. of, at s. w. cor. of T rd. n., on highest point on w. end of 12-in. galvanized iron drain pipe under rd.; painted sq. marked "1012.3"	1012.29
Taylorsville sta., 1.1 mi. n. of, at N. & W. Ry. +ing; top of w. rail painted "1018.3"	1018.31
Taylorsville sta., 0.54 mi. n. of, along N. & W. Ry., n end of 200-ft. wooden bridge over small creek, around iron bolthead at n. w. cor. of; painted sq. marked "993.4"	993.42
Taylorsville sta. 0.15 mi. s. of, 30 ft. s. e. of cen. of railroad +ing, in base on w. side of +ing sign; railroad spike marked "991.4"	991.41

New Market s. along highway to Emerald

New Market, 20 ft. e. of n. e. cor. of +rds., 15 ft. s. of L. A. Purdy's general store, in root on e. side of 18-in. locust; copper B. M. nail marked "1142.0"	**1141.934**
New Market, 0.59 mi. s. of, concrete brdg. over small creek, w. side of rd. on s. e. cor. of w. wing wall; chiseled sq. marked "1061.4".....	1061.34
New Market, 1.36 mi. s. of, 120 ft. e. on T rd. e., on n. side of rd., in root on w. side of walnut tree, 2 ft. in diam.; copper B. M. nail marked "1123.3"	1123.20
Sugartree Ridge, 2.32 mi. n. of, on s. e. abut. of wooden brdg. over Sugar Run; chiseled sq. marked "1046.6".....	1046.58
Sugartree Ridge, 1.15 mi. n. of, at +rds. 25 ft. e. of s. e. cor. along property line, in root on e. side of 3-in. soft maple; copper B. M. nail marked "1071.5"	1071.45
Sugartree Ridge, 0.19 mi. n. of, at s. e. cor. of +rds., on s. side of stone culvert under road; chiseled square marked "1071.5".....	1071.43
Sugartree Ridge, in Christian Church yard, 10 ft. s. of main front entrance; **iron post** stamped "1113"	**1113.055**
Sugartree Ridge, 1.47 mi. s. of, 20 ft. s. of s. e. cor. of +rds., on e. end of stone culvert under pike; chiseled square marked "1035.2"	1035.12
Sugartree Ridge, 2.54 mi. s. of, at n. e. cor. of T rd. e., in base of corner fence post; copper B. M. nail marked "1003.8".....	1003.74
Sugartree Ridge, 3.1 mi. s. of, 10 ft. s. of s. w. cor. of T rd. w., 200 ft. s. e. of Wesley Chapel, on s. end of stone culv. under pike; chiseled sq. mkd. "1011.2"	1011.14
Sugartree Ridge, 3.87 mi. s. of, at Y rd. s., 30 ft. n. of point where road forks, on w. end of stone culv. under pike; chiseled sq. marked "948.5"..	948.49
Emerald, 0.61 mi. n. of, at small frame schoolh., on top of first step above ground at main front entrance; chiseled sq. marked "994.4".....	994.39
Emerald, at n. e. cor. of +roads, in concrete base of corner iron fence post; chiseled square marked "998.1"	998.12

Point 3.4 mi. w. of Mayhill n. along highway to point 3.8 mi. e. of New Market

Mayhill, 5.4 mi. w. by 0.49 mi. n. of, at n. w. cor. of T rd. w., in base of cor. fence post; iron bolt marked "942.2".....	942.19
Fairfax, at n. w. cor. of +roads, on s. w. cor. of concrete porch floor of J. W. Ford's general merchandise store; chiseled sq. marked "1128.6" ...	1128.57

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	Feet
Fairfax, 0.98 mi. n. of, at n. e. cor. of T rd. e., on top of property cor. stone; chiseled sq. marked "1098.8"	1098.80
Fairfax, 1.78 mi. n. of, 1.61 mi. s. of Folsom, 60 ft. n. of s. branch of Brush Creek, 100 ft. n. e. of n. end of wooden brdg. over creek, 1 ft. w. of property line in public highway; **iron post** stamped "881"	**881.428**
Folsom, 0.73 mi. s. of, at s. e. cor. of T rd. e., on s. end of stone culv. under pike; chiseled sq. marked "896.6"	896.57
Folsom, at n. w. cor. of +roads, 60 ft. w. of W. F. Shannon's general merchandise store, on top of sandstone slab 3 ft. in diam., set level with earth; chiseled sq. marked "1083.1"	1083.11
Folsom, 0.62 mi. n. of, 50 ft. w. of s. e. cor. of T rd. e., 3 ft. w. of property line, w. side of rd., in root e. side of 18-in. ash; copper B. M. nail marked "973.9"	973.88

Near Belfast n. along highway to point 1 mi. w. of Marshall

Belfast, 2 mi. s. e. of, s. e. cor. of T rd. s., on s. end of 10-in. steel drain pipe under pike; highest point marked "860.2"	860.23
Belfast, 1.64 mi. s. e. of, at n. w. cor. of T rd. n., on top of sandstone slab 3 ft. in diameter; chiseled square marked "849.3"	849.35
Belfast, at s. e. cor. of T rd. e., on s. end of concrete culv. under pike; chiseled square marked "847.4"	847.55
Belfast, on s. w. cor. of school house yard; **iron post** stamped "858"	**858.190**
Belfast, 1.84 mi. n. e. of, 400 ft. n. e. of iron brg. over Elm Run, 100 ft. s. w. of T rd. e., on e. end of culv. under road; chiseled square marked "821.7"	821.93
Belfast, 2.55 mi. n. e. of, 10 ft. s. of s. w. cor. of T rd. w., on root of dead apple tree; copper bench mark nail marked "988.7"	988.88
Berrysville, 3.2 mi. e. by 1.47 mi. s. of, at n. e. cor. of +roads, in root on w. side of 18-in. walnut tree; copper B. M. nail marked "1021.5"	1021.76
Berrysville, about 3.2 mi. e. of, on n. side of road, 5 ft. s. of property line directly n. of cen. of T rd. s.; **iron post** stamped "Prim. Trav. Sta. No. 83-1909 Ohio, Elevation "993"	**992.835**
Berrysville, 3.2 mi. e. by 1 mi. n. of, 40 ft. s. of s. e. cor. of +rds., in root on w. side of white oak 2.5 ft. in dia.; copper B. M. nail marked "1058.2"	1058.53

Ironton Quadrangle

Ironton e. to Rock Camp, thence n. e. to Aid

Ironton, on s. w. cor. top stone step, s. e. cor. of courthouse; + mark	542.52
Ironton, n. w. cor. of Fourth and Railroad Streets, in s. e. cor. of Memorial Hall and Public Library; **bronze tablet**	**546.177**
Old Maidsville, on n. side of highway, s. e. cor. of store of W. R. Richardson, on foundation stone; + mark	540.19
Hecla, on n. e. cor. of head wall of concrete culv., 200 ft. e. of Arabia rd.; **copper bolt**	**605.407**
Hecla furnace, 2.36 mi. e. of, 30 ft. n. w. from dead tree, on right of highway; on sandstone boulder	585.15
Rock Camp, 100 ft. n. e. from Union Hall, on stone abutment of brdg. over Ice Creek; circle	603.36
Rock Camp, Perry Township, 100 ft. n. e. of Union Hall, in stone abutment of brdg. over Ice Creek; **copper bolt** stamped "601 I"	**603.383**
Andis crossroads, on stone abutment of bridge over Ice Creek; circle	672.76

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Aid northerly via Arabia to Sherritts, thence w. to Campbell

	Feet
Elkins Creek, near mouth of, at n. w. cor. of covered wooden truss brdg., on sandstone boulder; chisel mark	590.72
Arabia, about 3 mi. s. w. of, T. 4 N., R. 17 W., 1035 ft. w. of brdg. over Symmes Creek, in large sandstone boulder, 15 ft. long; **copper bolt** stpd. "622 I"	**623.818**
Sherritts, 100 ft. from post office and store, at n. e. cor. of small wooden brdg., on sandstone foundation; chisel mark	630.33
Sherritts, 0.75 mi. n. of, s. bank of Johns Creek, 430 ft. southeasterly from wooden truss brdg. over, on land of H. J. Wiseman, in sandstone ledge; **copper bolt** stamped "614 I"	**616.332**

Campbell s. via Culbertson to Hecla

Campbell, P. O., 0.75 mi. s. of, in bank of railroad cut, 210 ft. to right of rd., on boulder; chisel mark	691.75
Campbell, P. O., and store, on stone door step in front of e. door of brick building (store and P. O.) facing nearly s.; chisel mark	682.46
Campbell, 0.33 mi. s. w. of, at n. e. cor. of small wooden brdg., in sandstone foundation; **copper bolt** stamped "687 I"	**689.267**
Bartles station, on sandstone found. at s. e. cor. of wooden truss highway bridge near, about 800 ft. s. of white schoolhouse; chiseled mark	615.39
Culbertson P. O., 0.30 mi. e. of, on shale ledge about 12 ft. left of road and about 300 ft. w. of top of hill; chiseled mark	692.05
Pedro, P. O, about 0.25 mi. w. of, at n. w. corner of small wooden highway bridge, on sandstone foundation; chiseled mark	613.09
Pedro P. O., 0.25 mile southwesterly of, 15 ft. e. of road, in solid sandstone ledge; **copper bolt** stamped "622 I"	**624.706**
Ellisonville, at n. w. corner of small wooden highway bridge, in sandstone foundation; chiseled mark	648.94

On left shore of Ohio River (Army Engineers' precise line)

Ironton, n. e. cor. of Fourth and Railroad Sts., Army Engineers' U. S. B. M. 326-A, on s. cor. of Memorial Hall, 4 ft. above sidewalk; **cut** Elev. 548.278.	**547.776**

Jackson Quadrangle

Hamden Junction s. along Rys. via Berlin to Rempel

Hamden station, 0.5 mi. n. e. of, bench mark LIII of U. S. C. & G. S. transcontinental line of precise levels, B. & O. S. W. Ry., on coping of a small drain or culvert; **cut**	**705.481**
Wellston, First National Bank building, on s. w. cor. of Broadway and Ohio Ave., in found. stone, left cor. of entrance to; **bronze tablet** stamped "731 A"	**729.663**
Burris station, 2000 feet w. of, 10 feet n. of e.-w. highway, in sandstone ledge; **bronze tablet** stamped "702 A"	**701.156**

Beecher along B. & O. S. W. Ry. to Hamden

Beecher, P. O., 2.7 mi. e. of, n. of B. & O. S. W. Ry. track, 20 ft. n. of and 75 ft. w. of bridge abutment, 50 ft. e. of road +ing, bridge 115-25; **iron post** stamped "611 Ohio"	**610.596**
Beecher, 3.4 mi. e. of, at rd. +ing, paint mark on top of spike in s. plank at w. end; painted "610.068"	610.00
Ray, 0.4 mi. e. of, about 20 ft. n. of ry. track, e. side of rd. at forks; **iron post** stamped "62[illegible] Ohio"	**621.503**

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Ray, 1.7 mi. e. of, in e. end of s. plank at rd. +ing; top of spike, painted "629.937"	629.82
Byer, in front of station; top of rail	615
Byer, 75 ft. e. of C. H. & D. Ry. sta., 50 ft. n. of track, on e. side of rd. at rd. crossing; **Iron post** stamped "640 Ohio"	**639.686**
Byer, junc. of B. & O. S. W. Ry. and C. H. & D. Ry.; top of n. rail	644
Byer, 100 ft. w. of B. & O. S. W. Ry. sta., spike in top of n. cattle guard at e. end; painted "644.199	644.07
Byer, 0.3 mi. e. of, s. plank at rd. +ing, spike in top of, at e. end, painted "662.301"	662.17
Byer, 1.2 mi. e. of, at rd. +ing; spike in top of e. end of n. plank at, painted "686.505"	686.36
Richland, 75 ft. s. w. of B. & O. S. W. Ry. station, s. side of track and 25 ft. e. of road; **Iron post** stamped "701 Ohio"	**701.011**
Richland, 0.4 mile e. of, spike in top of e. end of s. plank at road crossing; painted "714.067"	713.92
Summit, 75 ft. s. of B. & O. S. W. Ry. track, 20 ft. w. of rd. near fence cor. at rd. +ing; **Iron post** stamped "786 Ohio"	**785.496**
Summit, 1.2 mi. e. of, spike in top of s. plank at w. end of road crossing; painted "743.106"	742.92
Hamden, 0.25 mi. w. of B. & O. S. W. Ry. sta.; spike in top at e. end of n. plank of main track at rd. +ing; painted "712.816"	712.62
Hamden, in front of Baltimore & Ohio Southwestern R. R. sta.; top of rail	713
Hamden, 100 ft. n. w. of traction sta., 75 ft. e. of rd., and 50 ft. s. of railroad track at rd. +ing; spike in base of teleg. pole; painted "713.664"	713.46

Byer north via Ox to Allensville

Byer, 0.3 mi. n. of, top of stone at rd. intersection; paint mark "644.596"	644.47
Byer, 1.2 mi. n. of, paint mark on top of stone at intersection of road forks; painted "664.981"	664.85
Byer, 1.4 mi. n. of, at s. e. cor. of rd. forks (T road w.); paint mark on top of stone; painted "662.868"	662.74
Byer, 2 mi. n. of, at w. side of road at rd. forks; paint mark on top of stone; painted "687.256"	687.12
Byer, 2.7 mi. n. of, at s. e. cor. of rd. forks; on top of stone; painted "728.561"	728.43
Byer, 3.8 mi. n. of, 5 ft. n. w. of mail-box post, near walnut tree to s. w. at n. w. cor. of rd. forks; **Iron post** stamped "826 Ohio"	**825.925**
Byer, 4.4 mi. n. of, at s. e. cor. of rd. forks; paint mark on top of stone at base of mail box; painted "754.47"	754.33
Ox, Antioch Church, at rd. intersec.; top of stone painted "724.731"	724.59
Ox, 0.3 mi. n. of, s. w. cor. of rd. forks. on top of stone; paint mark "748.855"	748.72

Cove along D. T. & I. Ry. to Jackson

Cove, rd. +ing at rd. forks, s. e. cor. of rd. +ing, s. w. cor. of rd. forks; spike in base of warning post; painted "693.7"	693.67
Cove, rear of post office, 25 ft. w. of railroad; **Iron post** stamped "691"	**690.581**
Cove, 1 mi. n. of, s. side of rd. at rd. +ing, w. side of ry.; spike in base of cattleguard; painted "704.0"	704.02
Cove, 1.8 mi. n. of, spike on w. side of trestle No. 179; painted "683.8"	683.83
Cove, 2.6 mi. n. e. of, Cochran switch, s. e. side of track, 1 foot from right-of-way fence; **Iron post** stamped "674"	**674.269**

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	Feet
Cove, 3.8 mi. n. e. of, 20 ft. e. of road, 10 ft. n. of railroad; spike in base of telephone pole; painted "660.136"	660.18
Cove, 4.4 mi. n. e. of, Pickerel mine switch; spike, painted white, in base of switch stand; painted "654.7"	654.79
Cove, 5.1 mi. n. e. of, 2.9 miles w. of Jackson, n. w. corner of Sunshine mine switch, 30 ft. n. of n. main line of D. T. & I. Ry., and 500 ft. w. of switch stand; **Iron post** stamped "650"	**650.284**
Cove, 5.7 mi. n. e. of, rd. +ing at switch n., n. side of track; spike in base of telegraph pole between road and railroad, painted "653.4"	653.41
Jackson, in w. end of D. T. & I. Ry. yards, w. end of trestle No. 189, north side of track, bolt head painted white; painted "649.6"	649.66
Jackson, D. T. & I. Ry. sta., n. e. corner of platform, on stone-curbing; **chiseled mark** painted "649.63"	**649.668**
Jackson, n. e. cor. of +ing of Main and Portsmouth Sts., s. w. cor. of public square, s. e. cor. of county surveyor's office blg.; **Iron post** stamped "700"	**699.822**

Jackson along C. H. & D. Ry. to Byer

Jackson, 1 mi. n. of, west side of track; spike in teleph. pole; painted "655.7"	655.77
Jackson, 1.6 mi. n. of, e. side of track; spike painted white in base of switch stand; painted "663.6"	663.64
Chapman, rd. +ing at station, n. side of rd., w. side of railroad, in s. e. cor. of yard; **Iron post** stamped "678"	**677.717**
Davisville, rd. crossing at, nail driven in top of white right-of-way post between D. T. & I. and Hocking Valley Rys., n. side of rd. painted "701.1"	701.13
Coalton, rd. +ing at H. V. Ry. sta.; top of high rail D. T. & I. Ry.; painted "703.5"	703.49
Coalton, 500 ft. e. of C. H. & D. Ry. sta., n. e. cor. of +roads, at road +ing near warning post; **Iron post** stamped "702"	**702.379**
Coalton, in front of C. H. & D. Ry. station; top of rail	698.13
Coalton, 0.8 mile n. w. of, rd. +ing at Garfield Switch, 60 ft. s. of rd. +ing; spike in base of switch stand; painted "684.7"	684.77
Coalton, 1.6 miles n. w. of, in n. e. cor. of rd. +ing; **spike** in base of warning post; painted "677.5"	**677.537**
Coalton, 2.5 mi. n. w. of, rd +ing at Glenn Hall, 15 ft. n. of road and 20 ft. w. of ry., 3 feet from warning post; **Iron post** stamped "667"	**666.555**
Coalton, 3.9 mi. n. w. of, 30 ft. s. of rd. +ing, w. side of track; bolt head in north end of bridge No. 152; painted "653.4"	653.41
Coalton, 4.8 mi. n. w. of, at road +ing, w. side of road, s. side of ry.; spike in base of cattleguard; painted "645.2"	645.23

Sunshine mine switch n. via Oakland Church and Leach to Ray

Jackson, 2.9 mi. w. by 1.5 mi. n. w. of, in n. e. cor. of road forks; painted square on stone; painted "876.9"	876.98
Jackson, 2.9 mi. w. by 2.4 mi. n. w. of, rd. forks at Oakland Church and schoolh., n. e. cor. of forks, 5 ft. from row of mail boxes; **Iron post** stamped "835"	**835.220**
Oakland Church and schoolh., 0.6 mi. n. e. of, e. side of rd. near sec. line e.-w., on J. C. Ritchie's farm, nail head in top of root of tree; painted "875.95"	876.04
Oakland Church and schoolh., 1.8 mi. n. e. of, 450 ft. s. of Pine schoolh., at road forks; paint spot on top of fence painted "834.75"	834.85
Leach, (sec. 34, n. e. ¼ of, Jackson Tp.) 1.3 mi. s. e. of, s. e. cor. of T rd. s., 15 ft. s. of Chillicothe road, on stone; chisel mark	709.48
Leach, 0.8 mi. s. e. of, n. end of w. abut. of iron bridge over Salt Creek at T road n. e.; chiseled cross on top; painted "622.24"	622.36

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	Feet
Leach, 0.3 mi. s. e. of, 300 ft. w. of iron bridge over Salt Creek, in cen. of rd. forks, on stone; chisel cross painted "627.55"	627.67
Leach, in front cf George H. Greene's house, opposite store, 150 ft. n. w. of T road e.; **iron post** stamped "621"	**620.898**
Leach, 0.8 mi. n. w. of, s. e. cor. of T road s., 30 ft. e. of cen. of forks; spike in base of telephone pole; painted "623.45"	623.59
Leach, 1.3 mi. n. w. of, T road n. e. at Savageville schoolh., in s. e. corner of forks; spike in base of telephone pole; painted "615.859"	616.00
Ivy, 2.4 mi. s. of, at n. e. cor. of rd. forks; top of stone; painted "652.527"	652.37
Ivy, 0.4 mi. e. of, at n. e. cor. of rd. forks; spike in stump; painted "953.456"	953.32
Pine Grove (Ivy), 2.5 mi. s. of Ray, 200 ft. w. of store at s. e. cor. of T road n., **iron post** stamped "958 Ohio"	**957.636**

Jefferson Quadrangle

Jefferson w. to Cork, thence s. to Windsor, thence e. to Colebrook, thence n. to Jefferson, (an excessive error distributed between Jefferson and Windsor)

Jefferson, in stone floor of front entrance way to courthouse; **aluminum tablet** stamped "968 Cleveland"	**967.577**
Jefferson, n. w. cor. of crossroad, in stone watering trough; cross cut	964.12
Jefferson, 1.5 mi. w. of, 400 ft. s. of Y rd. intersec., n. side of rd., on culvert stone; cross cut	884.20
Eaglesville, n. e. cor. of crossroads, on stone watering trough; square cut	819.67
Eaglesville, 75 ft. s. of +rds., set flush in top of culv.; **aluminum tablet** stamped "812 Cleveland"	**811.120**
Cork, in n. w. cor. of brick schoolh., s. e. cor. of rds.; **bronze tablet** stamped "974 Cleveland"	**973.661**
Cork, 1 mi. s. of, n. w. cor. of T road w., on boulder; square cut	1008.00
Cork, 2.25 mi. s. of, s. e. cor. of +roads, on boulder; square cut	1019.75
Trumbull, n. e. cor. of crossroads, on watering trough; square cut	992.91
Trumbull, in n. w. cor. of stone found. of Town Hall; **aluminum tablet** stamped "995 Cleveland"	**994.531**
Trumbull, 1 mi. s. of, s. w. corner of, on boulder; **cross cut**	**1012.059**
Trumbull, 2.5 mi. s. of, s. w. corner of T road, on stone; **cross cut**	**1012.723**
Hartsgrove, 1 mi. n. of, n. e. corner of crossroads, on stone, square cut	1023.99
Hartsgrove, in n. e. cor. of pub. school; **bronze tablet** stamped "1033 Cleveland"	**1031.874**
Hartsgrove, 1 mi. s.of, 250 ft. s. of T rd. w., on stone culv., w. side of rd.; sq. cut	1012.12
Hartsgrove, 2 mi. s. of, n. w. corner of T road, on culvert; cross cut	1004.45
Windsor, 2 mi. n. w. of, s. w. cor. of crossroads, in stone walk leading from schoolhouse; square cut	992.47
Windsor, 1 mi. n. w. of, at intersec. of T rd., in culv. stone; square cut	955.96
Windsor, in n. e. corner of stone foundation of I. O. O. F. Hall; **aluminum tablet** stamped "835 Cleveland"	**834.060**
Windsor, n. e. cor. of crossroads, on stone watering trough; square cut	831.61
Windsor, 1 mi. e. of, at n. w. cor. of T road s., on stone; square cut	803.80
Orwell, s. e. corner of crossroads, on watering trough; square cut	894.70
Orwell, in n. e. cor. of Orwell Banking Co. bldg., **aluminum tablet** "903 Cleveland"	**901.705**

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Orwell, 1 mi. e. of, 300 ft. w. of Penna. R. R., s. w. cor. of T road s.; sq. cut	933.57
Orwell, 1.75 mi. e. of, s. e. cor. of T road s., on stone culvert; square cut....	894.72
Colebrook, 1.5 mi. w. of, in culv. stone; **aluminum tablet** stamped "922 Cleveland"	**921.158**
Colebrook, 1.5 mi. w. by 1 mi. n. of, at T road w., on stone; square cut	921.68
South New Lyme, 2.5 mi. s. w. of, e. side of rd. at +rds., on stone culv.; sq. cut	924.74
South New Lyme, in n. e. corner of Presbyterian Church; **aluminum tablet** stamped "968 Cleveland".....	**966.728**
South New Lyme, n. w. corner of +rds., in stone watering trough; cross cut	962.50
South New Lyme, 1.6 mi. n. of, s. w. cor. of +rd., in culv. stone; cross cut.	949.50
Lenox, 2.5 mi. s. of, 75 ft. s. of crossroads, e. side of n. and s. road, in top of stone culvert; **aluminum tablet** stamped "946 Cleveland".....	**945.863**
Lenox, 0.25 mi. s. of, w. side of road, in abutment stone of culvert; **aluminum tablet** stamped "932 Cleveland".....	**931.228**
Lenox, at T road, in watering trough; cross cut	958.98
Lenox, 1 mi. n. of, s. e. cor. of T road e., on large stone; cross cut.....	949.40

Kelleys Island Quadrangle

No permanent bench marks were set on this quad. Elev. can be easily referred to Lake Erie, of which mean elev. above sea level is 573 feet.

Keno Quadrangle

Near Rock Springs

Rock Springs, 3 mi. n. of, in front of Wm. Rafford's house, in outcropping ledge; **aluminum tablet** stamped "681 ADJ 1903".....	**679.240**

Elden northeast to Portland

Elden P. O., 290 ft. s. of Allens' house, 392 ft. n. of road, in rock bluff 20 ft. e. of center of road; **aluminum tablet** stamped "663 ADJ 1903".....	**663.065**
Elden P. O., 0.5 mi. e. of, in stone, 200 ft. n. of rd. s.; chiseled sq. marked "643.4"	643.37
Elden P. O., 0.85 mi. e. of, in abut. of brg. 200 ft. w. of private rd. n.; chisel sq. marked "604.7".....	604.73
Portland, in top stone of wall, 100 ft. e. of W. E. McDade's store; "585" marked on plank, chiseled sq.....	585.00

Coolville Sta. along highway s. w. to Tuppers Plains, thence w. to Bearwallow Ridge

Coolville sta., about 0.5 mi. e. of, on coping of abut. of a ry. brg.; **chiseled square** marked B. M. (C. & G. S. B. M. XLII)..	**633.272**
Coolville sta., in cor. of well curbing, n. side of store; sq. cut marked "603.5"	603.32
Coolville station, 1.5 mi. s. of, on stone at cor. field, at 5 rd. forks, on teleph. pole; chisel sq. marked "U. S. B. M. 588.8"	588.58
Coolville bridge over Hocking River, in n. e. cor. of abut. stone; chiseled sq. painted "B. M. 595.7".....	595.46
Coolville station, 400 ft. s. of, in face of large rock, 100 ft. s. of small wooden bridge, n. w. side of rd.; **aluminum tablet** stamped "603 Columbus 1903" (By Chesterhill levels).....	**602.416**
Coolville, in s. side of boulder on the main street; **aluminum tablet** stamped "694 ADJ 1903".....	**693.800**

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	Feet
Coolville, 0.5 mi. s. w. of, 400 ft. e. of rd. forks; + painted on culv. stone, marked "698.6"	698.41
Coolville, 1.25 mi. s. w. of, 100 ft. e. of rd. forks, in stone on n. side of rd.; chiseled circle, marked on post opposite "600.9 B. M."	600.68
Coolville, 2.9 mi. s. w. of, at Bethel schoolh. in s. w. corner of found'n; **aluminum tablet** stamped "791 ADJ 1903"	**791.000**
Coolville, 3.5 mi. s. w. of, in culv. stone, 500 ft. s. of rd. e.; chiseled square marked on stone "B. M. 727.4"	727.22
Tuppers Plains, schoolh., in s. e. cor. of found'n; **aluminum tablet** stamped "760 ADJ 1903"	**749.908**
Tuppers Plains, 1.8 mi. w. of, on abut. stone of brg., at +roads s. on stone; chiseled square	630.61
Tuppers Plains, 3.5 mi. west of, at brick schoolh., in s. e. cor. of foundation; **aluminum tablet** stamped "642 ADJ 1903"	**641.727**
Alfred P. O., 1 mi. w. of, on rock 100 ft. s. of rd. fork; chiseled sq. marked "B. M. 657.8"	657.63
Alfred P. O., 1.25 mi. w. of, on rock in rd. fork; chiseled sq. marked "B. M. 662.3"	662.06
Alfred P. O., 2.7 miles w. of, 400 ft. n. e. of rd. forks, 1.25 miles e. of Flora, in bluff of rock; **aluminum tablet** stamped "665 ADJ 1903"	**664.892**
Alfred P. O., 3.3 miles w. of, at fork of road, at foot of Bearwallow ridge, at fence corner, on stone; cross painted	769.32
On left shore of Ohio River (precise line of Army Engineers)	
Murraysville, W. Va., 2.5 mi. below; Army Engineers' U. S. B. M. 211-A, 1 ft. s. and ½ ft. e. of n. w. cor. of Ohio River culv. over Williams Run, 450 ft. n. of Williams sta., 2.7 ft. w. of center line of track; Elevation 582.313	**581.834**

Kent Quadrangle

Silver Lake Junction e. along Gaylor rd. to Munroe Falls, thence along B. & O. Ry. to Kent, thence along highway to Ravenna

Silver Lake Junction, in s. w. end of large stone arch bridge over Cuyahoga River, on end coping stone of west wall; **aluminum tablet** stamped "1012 Cleveland 1903"	**1012.197**
Silver Lake Junction, 0.25 mi. e. of, on sewer tile at n. e. cor. of +rds., finger board here marked "Cuyahoga Falls ½ mile"; **cross**	**1040.376**
Munroe Falls, opposite P. O., at s. w. cor. of +rds., at n. e. cor. of schoolh. in face of found. wall on n. side, **bronze tablet** stamped "1040 Cleveland 1903"	**1039.467**
Kent, 2.5 miles w. of, at milepost A. Jct. 8, top of T rail driven in ground, (B. & O. Ry. B. M. 431, elevation 1016.670), cross cut	1017.58
Kent, 1.5 mi. w. of, at milepost A Jct. 9, on top of T rail driven in ground, (B. & O. Ry. B. M. 430, elev. 1016.577), cross cut	1017.48
Kent, at intersec. of B. & O. Ry. tracks and Summit St., in top of stone of e. abut., of s. side of iron bridge over Cuyahoga River; **cross cut**	**1024.281**
Silver Lake Junction, 5.5 miles e. of, s. end of west side of girder bridge over Cuyahoga River, at crossroads, on top of **bolt**	**1018.087**
Kent, at head of stairway leading to railroad sta.; in stone bridge on s. side; **bronze tablet** stamped "1051 Cleveland 1903"	**1051.822**
Kent, 2.25 miles e. of, at s. w. cor. of iron bridge over Breakneck Creek, at abutment; chiseled square	1046.39
Kent, 3.5 mi. e. of, on n. side of road, on culvert stone; **cross cut**	**1060.139**

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Ravenna along highway n. w. to Streetsboro thence w. to Hudson

	Feet
Ravenna, 1.5 mi. n. w. of, on culv. stone, 100 ft. n. of +roads, finger board marked "Ravenna 1½ miles"; **cross cut**	**1083.713**
Ravenna, 2 mi. n. w. of, on large stone at s. e. cor. of +roads; **cross cut**	**1107.674**
Ravenna, 3 mi. n. w. of, at n. w. corner of small bridge over ditch, in stone abutment; chiseled cross	1065.00
Ravenna, 4.5 mi. n. w. of, at n. e. cor. of +rds., in root of large oak tree; nail	1148.20
Ravenna, 5 mi. n. w. of, Streetsboro Township, at n. w. cor. of girder bridge over Cuyahoga River; in top of stone abut., **bronze tablet** stamped "1054 Cleveland 1903" (reported to be several ft. in error)	**1054.306**
Streetsboro Center, 0.25 mile east of, on n. side of rd., at forks, 9 ft. e. of telephone pole, in large stone cross cut	1145.40
Streetsboro, on n. side at n. w. cor. of voting place, in stone found'n, **bronze tablet** stamped "1136 Cleveland 1903"	**1136.439**
Streetsboro Center, ¼ mile w. of, 250 feet w. of cor. of rds., at T rd n. w. to Cleveland, on culvert stone; cross cut	1107.83
County line between Portage and Summit counties, T road s. is county line, at s. e. cor. of rds. and n. w. cor. of schoolhouse, in stone; cross cut	1094.33
Hudson, 1.5 mi. e. of, on n. side of rd., at n. w. cor. of +rds., on sec. stone; +cut	1105.98
Hudson, 350 ft. w. of station, on n. stone abut. of Penna. Railroad bridge over Peninsula road; **bronze tablet** stamped "1049 Cleveland"	**1049.410**

Northfield south along Rys. via Silver Lake Junction and East Akron to Krumroy (precise line)

Chittenden, in front of station; top of rail	1023.8
Seasons, in front of station; top of rail	1011.1
Seasons, 0.27 mi. s. of, s. e. cor. of girder bridge on coping stone of parapet wall; **aluminum tablet** stamped "1002 Cleveland 1902"	**1002.426**
Wyoga, in front of station; top of rail	1000.8
Puttrell, in front of station; top of w. rail	995.0
Springdale, in front of station; top of e. rail	993.2
Silver Lake Junction, in front of dispatcher's office, top of rail	1023.1
Silver Lake Junction, s. w. end of stone arch brg. over Cuyahoga River, end of coping stone of w. side wall; **aluminum tablet** stamped "1012 Cleveland 1902"	**1012.197**
Cuyahoga Falls, in front of station; top of rail	1011.4
Cuyahoga Falls, 0.9 mi. s. of, s. w. cor. of arch bridge on corner of coping stone; chiseled square	1005.09
East Akron Junction ,n. w. cor. of stone arch bridge, over Cleveland Terminal and Valley Railway, on top stone of wing wall; chiseled square	963.73
East Akron, in front of station; top of rail	981.5
East Akron, 520 ft. s. of station, n. abut. of girder bridge between tracks, on coping stone; **aluminum tablet** stamped "983 Cleveland 1902"	**983.434**
Krumroy, in front of station; top of rail	1052.0

East Akron via Cuyahoga Falls to Hudson

Akron Junction, n. e. cor. of highest bridge over C. T. & V. Ry., in top stone; crossmark cut	981.70
Cuyahoga Falls, 2.5 mi. s. of, in s. w. stone foundation of A. & C. F. Electric Ry. brg. over C. A. & C. and B. & O. Ry. tracks; on square in circle **cut**	**1011.961**

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	Feet
Cuyahoga Falls, in top stone of n. e. abut. of iron brg. over Cuyahoga River, trolley line crosses brg., 100 ft. w. of C. A. & C. Ry. tracks; cross cut....	1006.77
Peninsular Road, 340 ft. w. of ry. tracks, 2 large stone abut. bridges (R. R.) in n. w. stone abut. to small iron brg., iron hand rails; cross mark **cut**....	**1049.950**

Kenton Quadrangle

Point 4.5 mi. e. of Ada along highways s. 4.7 mi. thence e. to point 4 mi. n. e. of Grant

Foraker, 5 mi. n. of, at n. w. cor. of +roads near s. e. cor. of sec. 29, Washington Twp.; highest point on w. end of cast iron drain under road	946.39
Foraker, 4 mi. n. of, 20 ft. e. of n. e. cor. of T rd. n., in s. w. cor. of sec. 33, Washington Twp.; copper B. M. nail in root of 2 foot elm tree.....	967.89
Foraker, 3 mi. n. of, at n. e. cor. of +roads, near s. w. cor. of sec. 4, Cessna Twp.; **copper** B. M. **nail** in base of corner fence post.....	**1012.478**
Foraker, 3 mi. n. by 1 mi. e. of, at s. w. cor. of +rds., 100 ft. w. of Brush College Schoolh., near n. e. cor. of sec. 9, Cessna Twp.; copper B. M. nail in top fence post	1009.97
Foraker, 3 mi. n. by 2 mi. e. of, 20 ft. e. of n. e. cor. of +roads near s. w. cor. of sec. 2, Cessna Twp.; **Iron post** stamped "1001 Ohio".....	**1000.602**
Blanchard, 1 mi. s. by 1.5 mi. w. of, 7 ft. s. of entrance to Salem M. E. Church, 100 ft. w. of n. e. cor. of +rds., in s. w. cor. sec. 1, Cessna Twp.; chiseled square on first step of concrete porch on s. e. corner...	979.99
Blanchard, 1 mi. s. by 0.5 mi. w. of, 60 ft. s. by 35 ft. e. of T rd. e., near n. w. cor. of sec. 7, Pleasant Twp.; copper B. M. nail in root of 26-in. red oak tree	965.92
Grant, 3.5 mi. w. of, at T rd. n. in s. w. cor. of sec. 5, Pleasant Twp.; chiseled square on s. e. cor. of foundation of Beech Grove schoolhouse	935.10
Grant, 3 mi. w. of, at n. w. cor. of Walnut Grove U. B. Church; on Dunkirk road; **Iron post** stamped "927 Ohio".....	**927.265**
Grant, 2.5 mi. w. of, e. end of cast iron drain under rd. at n. e. cor. of T rd. n., near s. w. cor. of sec. 4, Pleasant Twp.; at residence of B. H. Oates...	923.33
Grant, 0.5 mi. n. by 1.5 mi. w. of, n. side of small iron brg. in +rds.; chiseled square on wing wall of w. abutment.....	916.49
Grant, 0.5 mi. n. w. of, n. e. cor. of + roads; nail head in top of mail box post	933.09
Grant, 0.5 mi. n. e. of, at s. e. cor. of Pleasant Grove schoolhouse, on Forest road; chiseled square on s. e. cor. of concrete cistern top.....	934.43
Grant, 1 mi. n. e. of, at n. w. cor. of +rds. on Forest road; **Iron post** stamped "935 Ohio".....	**935.217**
Grant, 1 mi. n. by 1 mi. e. of, at s. e. cor. of T road e.; copper B. M. nail in root of 5-foot elm tree.....	930.16
Grant, 1 mi. n. by 2.5 mi. e. of, 60 ft. s. of s. w. cor. of + roads; copper B. M. nail in root of ash tree on property line	924.57

Pfeiffer along highways w. and n. to point 3 mi. n. of Foraker

Pfeiffer 1 mi. w. of, s. side of T rd. n., 16 ft. to cen. of T rd.; **Iron post** stamped "Prim. Trav. Sta. No. 86, Ohio—1910—970"	**969.829**
Pfeiffer, 1.5 mi. n. by 1 mi. w. of, at s. w. cor. of +roads, 4.5 mi. e. of Kenton, near s. w. cor. of sec. 32, Goshen Tp., in top of fence post; copper nail	975.56
Kenton, 3.5 mi. e. of, 2 ft. n. of s. w. cor. of +rds. near res. of Chas. Sam's, near n. e. cor. of sec. 1, Buck Tp.; chiseled square on limestone rock.....	982.74
Kenton, 3 mi. e. of, at s. e. cor. of T rd. s., near res. of Elmer B. Overly, 0.25 mi. e. of n. w. cor. of sec. 1, Buck Tp.; **Iron post** stamped "970"....	**970.344**

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Kenton, 2 mi. e. of, in forks of Y rd.; spike in teleph. pole 5′ above ground	1007.90
Kenton, 1 mi. e. of, at s. w. entrance to Grove Cemetery; chiseled square on large granite rock	981.08
Kenton, in s. w. cor. of courth. yard; **Iron post** stamped "998 Ohio"	**998.170**
Kenton, 0.8 mi. w. of, at T road n., near brick plant, on s. side of rd.; highest point of gas main over end of box culvert	969.54
Kenton, 1.6 mi. w. of, 150 ft. w. of bridge over Scioto River, 20 ft. w. of Erie Ry. on s. side of public rd.; highest pt. on s. end of steel drain under pike	957.43
Kenton, 2.6 mi. w. of, s. w. cor. of schoolh. yd.; **Iron post** stamped "965"	**965.233**
Kenton, 3.1 mi. west of, on e. abut. of s. side of iron bridge over Lick Run; chiseled square	973.87
Kenton, 4 mi. w. of, opposite T rd. e., near res. of S. H. Dulin; copper B. M. nail in root of 3-foot stump	996.62
Kenton, 5.1 mi. w. of, 500 ft. e. of J. W. Dulin's res.; on highest point on n. end of cast iron drain	1004.99
Foraker, 2.1 mi. s. of, near s. w. cor. of +rds. in n. w. cor. of Flynn schoolh. yard; **Iron post** stamped "Prim. Trav. Sta. No. 39, Elev. 997"	**996.960**
Foraker, 1 mi. s. of, spike in base of fence post at n. w. cor. of T road w.	977.44
Foraker, s. w. cor. of T rd. w. opposite Foraker schoolh; highest point on w. end of cast iron drain under pike	970.85
Foraker, 0.8 mi. n. of, 100 ft. n. of bridge over Scioto River, at n. w. cor. of T road w.; **Iron post** stamped "969 Ohio"	**969.012**
Scioto River, surface of water; May 13, 1913	956
Foraker, 2.1 mi. n. of, 30 ft. n. by 15 ft. e. of n. w. cor. of +rds.; copper B. M. nail in root of 2-ft. white oak	1005.91

Point 4 mi. n. of Mount Victory along highways w. and n. to near Foraker

Mount Victory, 4 mi. n. by 0.7 mi. w. of, at s. e. cor. of +roads, 500 ft. s. of Kelley schoolhouse; copper B. M. nail in root of elm tree	983.55
Mount Victory, 4 mi. n. by 1.9 mi. w. of, at e. end of e. abut. of stone culvert; highest point on limestone rock	998.41
Silver Creek, 6.5 mi. e. of, on w. end of w. doorsill at entrance to Black and White schoolh., on Columbus road; chiseled square	1019.07
Silver Creek, 5.6 mi. e. of, 100 ft. e. of T. & O. C. Ry.; chiseled square on e. abut. n. side. of iron bridge over Wolf Creek	1021.51
Silver Creek, 4.8 mi. e. of, at n. w. cor. of +roads, 1.25 mi. n. of Grassy point, on Kenton and Ridgeway Pike; **Iron post** stamped "1037 Ohio"	**1037.468**
Silver Creek, 3.6 mi. e. of, on e. side of rd. about 2,000 ft. e. of C. H. Geost's res.; spike in base of gate post	1051.74
Silver Creek, 2.6 mi. e. of, 60 ft. e. of s. e. cor. of +roads, on Taylor Creek Pike; chiseled square on large rock	1044.68
Silver Creek, 1.5 mi. e. of, in n. e. cor. of Kings Corners schoolh. yard, on s. w. cor. of +rds. on Bellefontaine road; **Iron post** stamped "1080 Ohio"	**1080.628**
Silver Creek station, top of rail, Big Four R. R., n. end of	1076.2
Silver Creek, n. e. cor. of concrete porch in front of general store of C. W. Robison; chiseled sq.	1077.41
Silver Creek, 0.9 mi. n. of, in cen. of +rds; highest point on cor. stone	1107.74
Silver Creek, 0.9 mi. n. by 1.5 mi. w. of, at s. e. cor. of crossroads; **Iron post** stamped "1090 Ohio"	**1089.722**

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	Feet
Foraker, 4.9 mi. s. of, 60 ft. s. of s. w. cor. Dunn schoolh. yard, 300 ft. s. of +rds,. on e. end of steel drain under road; highest point	1074.90
Foraker, 4.1 mi. s. of, on large granite boulder on e. side of rd.; highest point	1045.68
Foraker, 3.6 mi. s. of, w. side of rd. at T rd. e., in base of teleph. pole; spike	1029.39
Foraker, 2.6 mi. s. of, at s. w. cor. of T rd. w., in base of teleph. pole; spike	1015 68

Mount Victory w. along railroad and highway to Belle Center, thence n. and e. along highway to near Silver Creek

Mount Victory, 1 mi. w. of, on Big Four Ry., 40 ft. e. of public rd., 12 ft. n. of track, 2 ft. n. of ry. right-of-way, on granite boulder; chiseled square	1053.64
Mount Victory, 1.7 mi. w. of, in base of cor. fence post on ry. right-of-way, 50 ft. n. of railroad at crossing; railroad spike	1050.57
Ridgeway, ry. crossing Big Four and T. & O. C. Ry.; top of rail	1054.1
Ridgeway, 50 ft. w. of public rd., 100 ft. w. of Big Four station, on right-of-way; **iron post** stamped "1059 Ohio"	**1058.749**
Ridgeway, 0.8 mi. w. of, highest pt. on concrete mile-post marked "Clev. 126"	1072.82
Ridgeway, 1.5 mi. w. of, 40 ft. w. of ry. +ing, 25 ft. s. of ry., 1 foot above ground, in base of telegraph pole; spike	1079.36
Ridgeway, 1.5 miles w. of, in s. e. corner. of Beech Dale schoolyard; **iron post** stamped "Prim. Tra. Sta. No. 87, 1083"	**1082.623**
Ridgeway, 2.5 mi. w. of, on Big Four R. R., 300 ft. w. of ry. +ing, on n. end of e. iron drain at bridge mark No. 85 A.; highest point	1090.61
Big Springs, 0.5 mi. n. of, at entrance to Big Spring schoolhouse, on n. w. corner of door step; chiseled square	1144.48
Big Springs, 1.2 mi. n. of, at n. w. cor. of T rd. w., opposite res. of J. T. Titus, on granite rock; chiseled square	1132.92
Big Springs, 1.2 mi. n. by 1 mi. w. of, s. e. cor. of +rds., in base of tel. pole; spike	1146.83
Belle Center, 3.9 mi. e. of, at n. e. cor. of +rds.; **iron post** stamped "1136"	**1136.574**
Belle Center, 3.4 mi. e. of, s. side of rd. at lane n.-s., in base of tel. pole; spike	1128.86
Belle Center, 3 mi. e. of, 15 ft. e. of n. e. cor. of + roads, 150 ft. n. of Whitetown brick schoolhouse, in root of walnut tree; spike	1096.21
Belle Center, 2 mi. e. of, 600 ' w. of W. Swetland's res., in base of tel. pole; spike	1088.97
Belle Center, 1.1 mi. e. of, at s. e. cor. of T road s., at n. w. cor. of Fairview Cemetery; **iron post** stamped "Prim. Trav. Sta. No. 88 1055"	**1055.308**
Belle Center, 0.5 mi. e. of, s. side of iron bridge over Slow Ditch, on e. abut.; chiseled square	1045.47
Belle Center, 0.5 mi. n. e. of Big Four sta., 60 ft. s. of ry. at + ing, in base of telephone pole; spike	1052.26
Belle Center, 0.5 mi. e. by 1 mi. n. of, 1700 ft. s. of Graystone schoolh., nail in root of wild cherry tree; copper B. M. nail	1060.20
Belle Center, 2.5 mi. n. of, 60 ft. s. of T rd. w., 300 ft. n. of Casper Bell's res., in base of teleph. pole on e. side of rd; spike (on Alger Quad)	1097.77
Belle Center, 3.1 mi. n. of, on w. side of rd. opposite T rd. e., 380 ft. n. of M. S. Moon's res.; **iron post** stamped "1097 Ohio" (on Alger Quad)	**1097.184**
Belle Center, 3.7 miles n. of, 160 ft. n. w. of Harmony Church, at lane +ing, in root of hickory tree; copper B. M. nail (on Alger Quad)	1074.38
Belle Center, 4.2 mi. n. of, 1500 ft. n. of Harmony schoolh., in root of walnut tree opposite T rd. w.; copper B. M. nail (on Alger Quad)	1064.27
Belle Center, 4.4 mi. n. of, 0.5 mi. n. of Harmony schoolh., on s. abut. w. side of iron brg. over n. fork of Miami River; chiseled sq. (on Alger Quad)	1065.00

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	Feet
Belle Center, 5 mi. n. of, 1 mi. s. of Jumbo, at s. e. cor. of T road s., in corner fence post, 100′ n. e. of schoolh., 1′ above ground; spike (on Alger Quad)	1074.77

Near Pfeiffer s. by roads to 1.7 mi. s. of Mount Victory

Pfeiffer, 1.6 mi. s. of, at entrance to Scioto Valley schoolh., dist. No. 9, on s. end of doorsill; chiseled square	969.91
Mount Victory, 4 mi. n. of, at s. e. cor. of +roads, opposite Otterbein U. B. Church; **iron post**	**975.272**
Mount Victory, 3.4 mi. n. of, on e. side of second step of entrance to Rheinehart M. E. Church; chiseled square	983.76
Mount Victory, 2.6 mi. n. of, 2 ft. s. w. of n. e. cor. of +roads, on limestone rock; chiseled square	985.47
Mount Victory, 1.6 mi. n. of, on e. side of rd., opposite res. of James Moran, on gate hinge about 1 ft. above ground; highest point	1013.96
East Mount Victory, 100 ft. s. w. of creamery, (Butler & Richards), on n. w. corner of bridge; chiseled square	1028.58
Mount Victory. 500 ft. w. of schoolh., at forks of rd.; **iron post** stamped "1049"	**1049.897**
Mount Victory, 0.6 mi. s. of, on w. end of iron drain under pike; highest pt.	1040.64
Mount Victory, 1.7 mi. s. of, s. e. cor. of lane e. to A. B. James' res., in root of white oak tree; copper B. M. nail	1042.57

Kinsman Quadrangle

Point near Triumph s. by roads to near Chadwick

Kenilworth, 1 mi. n. of, e. side of road at +rds., on culv. stone; chisel mark	948.35
Kenilworth, house on n. side of rd. at crossroads, in n. e. cor. of foundation; **aluminum tablet** stamped "951 ADJ 1903"	**951.431**
Kenilworth, 1 mi. s. of, on culv. stone, e. side of rd. at crossroads; chisel mark	932.56
Kenilworth, 2.0 mi. s. of, in top of e. wing of n. abut. of bridge, 220 ft. s. of T road e.; **aluminum tablet** stamped "922 ADJ 1903"	**921.870**
East Mecca, 1.35 mi. n. of, on e. wing n. abut. of bridge; chisel mark	914.86
East Mecca, on watering trough at crossroads; chisel mark	932.94
Mecca, 835 ft. s. of +roads, in culv. stone on w. side of rd.; **aluminum tablet** stamped "926 ADJ 1903"	**925.620**
Mecca, 1.7 mi. s. of, at T rd. e.; **iron post** stamped "Sta. No. 34" "936 ADJ 1903"	**936.350**
Cortland, 2 mi. n. of, on w. end of iron sewer pipe at forks of road; mark	929.69
Cortland, 1.25 mi. s. w. of, in w. side of Erie Railroad culvert; **aluminum tablet** stamped "917 ADJ 1903"	**916.849**
Cortland, 1.3 mi. s. of, on boulder (cen. rd.) at T rd. s. (0.25 mi. w. of above B. M.); chisel mark	922.64
Cortland, 3.5 mi. s. of, on e. end of iron sewer pipe at T road e.; mark	909.21
Cortland, 4.5 mi. s. of, on large boulder at T road west	920.40
Cortland, 4.75 miles s. of, in culv. stone, e. side of rd. at T rd. n. e.; **aluminum tablet** stamped "916 ADJ 1903"	**915.874**

Williamsfield along highway s. to Vernon thence w. to Mecca

Williamsfield, 2.54 mi. s. of, 610 ft. s. of +roads and county line, in n. end w. guard culv. stone; **aluminum tablet** stamped "1119 ADJ 1903"	**1118.859**
Kinsman, 0.75 mi. n. of, in culvert at T road e.; iron bolt	974.44

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	Feet
Kinsman, s. side of public sq., in n. w. cor. foundation brick block; **aluminum tablet** stamped "940 ADJ 1903"	**939.481**
Kinsman, 0.25 mi. s. of, on boulder at T rd. w., top hill; chisel mark	925.72
Kinsman, 1.25 mi. s. of, s. side of road, at T rd. n. w.; on boulder	955.71
Kinsman, 2.75 mi. s. of; on boulder, at T road e.	944.26
Vernon, in s. w. cor. of found. of schoolh.; **aluminum tablet** stmpd. "947 ADJ 1903"	**946.460**
Vernon, 1.25 mi. w. of, on culv. stone, s. side of rd.; chisel mark	1000.19
Vernon, 2.5 mi. w. of, in culv. stone, s. side of road; **aluminum tablet** stamped "1006 ADJ 1903"	**1005.498**
Johnsonville, 1.40 mi. e. of, on culv. stone, s. side of rd., between T rd. n. e. and T road s.; chisel mark	1005.82
Johnsonville, house at n. e. cor. of +rds., s. w. cor. of foundation; **aluminum tablet** stamped "1081 ADJ 1903"	**1081.305**
Johnsonville, 0.30 mi. w. of, on s. w. wing of abut. at T rd. s. w.; chisel mark	1083.88

Vernon s. along highway to Brockway, thence w. via Tyrrell to point 2 mi. w. of Chadwick

Burghill, 0.5 mi. s. of, on cor. stone at T rd. w., top hill; chisel mark	1075.59
Burghill, 0.75 mi. s. of, on boulder at T road e.	1104.98
Burghill, 1.75 mi. s. of, on boulder at T road e.; mark	1131.18
Burghill, 1.75 mi. s. of, 670 ft. s. of T rd. e., in n. w. cor. of found'n of house; **aluminum tablet** stamped "1153 ADJ 1903"	**1152.893**
Burghill, 2 mi. s. of, on culv. stone at T road w.; chisel mark	1162.13
Hartford, on culv. stone, w. side of road, at crossroads; chisel mark	1170.28
Hartford, 0.5 mi. s. of, in root of locust tree at T rd. s. w.; copper B. M. nail	1202.11
Hartford, 1.5 mi. s. of, on stone at T road e.; chisel mark	1219.93
Hartford, 2.25 mi. s. of, on stone at T road e.; chisel mark	1005.22
Brockway, 2.5 mi. s. of Hartford, in s. w. wing, s. abut., brg. over Yankee Cr.; **aluminum tablet** stamped "965 ADJ 1903"	**964.716**
Tyrrell, 4 mi. e. of, 0.25 mi. s. of Brockway, on boulder at T rd. e.; chisel mark	973.66
Tyrrell, 1 mi. e. of, on corner stone at Five points; chisel mark	1094.72
Tyrrell, +rds., in support of store porch; **aluminum tablet** stpd. "1133 ADJ 1903"	**1133.207**
Tyrrell, 1.25 mi. w. of, on watering trough at crossroads; chisel mark	1183.20
Chadwick, 2⅝ mi. w. of Tyrrell, on culv. stone at crossroads; chisel mark	1100.05
Tyrrell, 4.75 mi. w. of, on stone at crossroads; chisel mark	1036.82

Lancaster Quadrangle

Near Pleasantville s. w. along highway to Lancaster, thence n. w. along H. V. Ry. to Carroll

Pleasantville, 5.41 mi. s. w. of, 60 ft. from rd. fork on w., on w. side of road, in sandstone found. of schoolh.; **aluminum tablet** stamped "985"	**984.433**
Lancaster, w. side of city P. O., in sandstone coping to stoop of; **aluminum tablet** stamped "845"	**844.269**
West Lancaster, in sandstone foundation of glass factory, on west side of railroad; chisel mark	826.86
Hooker, 1.05 mi. s. w. of, on sandstone abut. of railroad bridge; chisel mark	829.94

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	Feet
Hooker, 350 ft. n. w. of sta., on n. side of rd. near s. e. cor. of field of Mike Vase, 29 ft. s. w. of s. w. cor. of house; **iron post** stpd. "Prim. Trav. Sta. No. 48"	**836.376**
Hooker, 3 mi. w. of, w. of +rds., in e. part of field owned by Jacob Bookmon, near apple tree, top of steep bank; **iron post** stpd. "Prim. Trav. Sta. No. 49"	**1021.203**

Lancaster e. along C. and M. V. Ry. to North Berne

Lancaster, 3.3 mi. e. of, in sandstone abut. of small wooden cul. on n. side of ry., 30 ft. from track at +ing; **aluminum tablet** stamped "832"	**832.257**

Lancaster s. e. along H. V. Ry. to Enterprise

Lancaster, 4.22 mi. s. of, n. e. corner of railroad bridge, in sandstone abut.; **aluminum tablet** stamped "791"	**790.782**
Sugar Grove, 0.19 mile s. of, n. e. corner of Hocking Valley bridge, in sandstone abutment; **aluminum tablet** stamped "767"	**766.637**
Rockbridge, in stone stoop of schoolhouse; **aluminum tablet** stamped "753"	**752.393**
Rockbridge, s. side of, on cen. abut. of iron brg.; chisel mark	752.97

Lancaster s. w. along C. and M. V. Ry. to Amanda

Lancaster, 2.1 mi. s. w. of, on s. end of stone retaining wall, on n. side of ry.; chisel mark	881.00
Lancaster, 3.58 miles s. w. of, in n. w. corner of bridge, in sandstone abutment; **aluminum tablet** stamped "958"	**957.372**
Lancaster, 5.81 mi. s. w. of, on n. side of railroad, on stone culv.; chisel mark	1032.94
Lancaster, 6.42 miles s. w. of, 600 ft. n. e. of rd. +ing, on n. side of track on top of stone culvert; **aluminum tablet** stamped "995"	**995.548**
Lancaster, 8.23 mi. s. w. of, on n. side of ry., in sandstone abut.; **chisel mark**	**918.537**
Amanda, in front of station; top of rail	916.4
Amanda, 600 ft. s. of station, on sandstone foundation of mill; chisel mark	909.18
Amanda, 0.75 miles e. of, on e. side of pike at fork to w., s. of culv.; **iron post** stamped "Prim. Trav. Sta. No. 7"	**941.064**

Enterprise westerly along highway to point 3.8 mi. w. of Middle Fork thence n. to Amanda

Enterprise, 4.3 mi. s. w. of, on s. side of rd., on sandstone outcrop; chisel mark	1054.37
Enterprise, 3.0 mi. s. by 3.3 mi. w. of, 60 ft. from rd. fork, on s. side of road, in sandstone found'n of large barn; **aluminum tablet** stamped "1070"	**1069.587**
Enterprise, 6.7 mi. s. w. of, on n. side of rd., on sandstone outcrop; chisel mark	867.64
Enterprise, 3.8 mi. s. by 6.5 miles w. of, road fork, in n. e. corner of small wooden bridge, in sandstone abutment; **aluminum tablet** stamped "834"	**833.702**
South Perry, 2.8 mi. n. e. of, in front of Mound Crossing schoolhouse, 40 ft. n. of center of +rd.; **iron post** stamped "Prim. Trav. Sta. No. 8—848—1906"	**848.182**
Enterprise, 4.5 mi. s. by 8.0 mi. w. of, 2020 feet n. of rd. forks, on w. side of road, in sandstone abut. of iron bridge; **aluminum tablet** stamped "812"	**811.873**
Stumps Run, house on w. head of stone abut. of wooden bridge; chisel mark	876.40
Stumps Run, on sandstone outcrop, intersec. with ridge rd. at head of; chisel mark	1204.53
Middle Fork, in sandstone wing wall of iron brg.; **aluminum tablet** stpd. "887"	**886.862**
Middle Fork Creek, on n. side of small run, (branch of) on n. side of road, on sandstone outcrop; chisel mark	755.43

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	Feet
Middle Fork, 3.8 mi. w. by 0.7 mi. s. of, in sandstone abut. of small wooden brg. over mouth of small run on w.; **aluminum tablet** stamped "888"	**887.682**
Middle Fork, 5.45 mi. n. w. of, Tp. road on w., on stonewall over stone culv. at crossroads, on ridge; chisel mark	1100.84
Middle Fork, 3.8 mi. w. by 3 mi. n. of, in sandstone foundation of house of Samuel Harvey, 220 ft. w. of rd. fork on e.; **aluminum tablet** stamped "1099"	**1098.760**
Amanda, 2.69 mi. s. e. of, at rd. fork s. w., in abutment, n. w. cor. of small bridge; **aluminum tablet** stamped "860"	**859.530**

Larue Quadrangle

Point 3.7 mi. s. e. of Forest s. along roads to Pfeiffer

Forest, 4.7 mi. s. of, at s. w. cor. of +rds., near county line between Wyandot and Hardin counties, in root of maple tree; copper B. M. nail	922.59
Forest, 5.7 mi. s. of, at s. w. cor. of rd. opposite large barn; chiseled sq.	912.62
Forest, 6.2 mi. s. of, n. e. cor. of +roads, on Wyandot-Hardin County line; **iron post** stamped "918 Ohio"	**919.997**
Forest, 7.3 mi. s. of, on w. end of iron drain under rd., T rd. e.; highest point	923.48
Forest, 7.8 mi. s. of, on line between Wyandot and Hardin counties, on s. abut. on e. side of brg. over Reevhorn Run; chiseled square	920.67
Forest, 8.8 mi. s. of, at five points on Kenton road, 200 ft. e. of Hopewell U. B. Church; **iron post** stamped "927 Ohio"	**926.986**
Forest, 9.8 mi. s. of, on property line, 25 ft. s. of s. e. cor. of +rds., 700 ft. n. of res. of John Pfeiffer, at n. w. cor. of sec. 28, Goshen Tp., in top of maple stump; copper B. M. nail	942.31
Pfeiffer, 2.5 mi. n. of, 60 ft. n. of n. e. cor. of crossroad, 150 ft. w. of Pfeiffer schoolh., on e. side of road, in root of ash tree; copper B. M. nail	949.03
Pfeiffer, 1.5 mi. n. of, 7 ft. n. e. of s. w. cor. of +rds., on large granite rock; chiseled square	968.33

Near Pfeiffer

Pfeiffer, first brg. w. of, on n. e. cor. of abut. on paint spot; painted "949.4"	949.77
Pfeiffer, on s. e. cor. of first step leading to M. J. Robison's res.; chiseled sq.	954.48
Pfeiffer, 0.5 mi. s. of, in root of black oak tree at forks of rd.; copper B. M. nail	957.50

Southeast of Mount Victory

Mount Victory, 2.7 mi. s. e. of, on s. w. cor. of s. abut. of brg. over Rush Creek; chiseled square	1028.66

Point 7.7 mi. s. e. of Mount Victory e. along highway 6 mi. to schoolhouse District No. 6

Mount Victory, 8.8 mi. s. e. of, 30 ft. n. e. of cen. of T rd. s., 800 ft. n. w. of residence; **iron post** stamped "994 Ohio"	**994.564**
Mount Victory, 9.8 mi. s. e. of, at Stahl schoolh. (Dist. No. 11), Jackson Tp. on w. end of door step at entrance; chiseled square	993.56
Mount Victory, 10.6 mi. s. e. of, at e. end of Youkon road, on large rock in cen. of Widowmac Pike, at Marion and Huron County line; chiseled square	986.21
Essex, 2 mi. n. by 1.5 mi. w. of, at n. w. cor. of T rd. n., 0.3 mi. s. of Union-Marion County line, 35 ft. w. by 15 ft. n. of cen. of T rd.; **iron post** stamped "Prim. Trav. Sta. No. 84, Ohio—1910—981"	**981.890**

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	Feet
Essex, 2.9 mi. n. w. of, 1000 ft. s. w. of res. of C. W. Patterson, on large rock on n. side of road; chiseled square	973.26
Essex, 1.8 mi. n. w. of, 1000 ft. n. of Jackson Tp. schoolh., (Dist. No. 6), on n. e. cor. of bridge abutment; chiseled square	934.58

Point 3 mi. w. of Greencamp northerly along highway to near Upper Sandusky

Greencamp, 3 mi. w. of, at junc. of State road and Greencamp-Mount Olive pike, 60 ft. n. of cen. of pike, in root of ash tree; copper B. M. nail	940.72
Greencamp, 4 miles w. of, at n. e. corner of T road n. opposite Mount Olive Church; **iron post** stamped "951 Ohio"	**951.305**
Agosta, 5.2 mi. s. of, at s. e. cor. of T rd. e., top of fence post; copper B. M. nail	937.02
Agosta, 4.7 mi. s. of, 600 ft. s. of Frank Wilson's res., on large rock at s. w. corner of T road w.; chiseled square	933.40
Agosta, 3.6 miles s. of, at s. e. cor. of T rd s., 0.25 mi. n. of Greencamp Tp. dist. No. 5 schoolh.; **iron post** stamped "926 Ohio"	**926.256**
Agosta, 2.8 mi. s. of, on s. and w. side of box culv. at T rd. n.; chiseled sq.	926.59
Agosta, 2 mi. s. of, n. w. cor. of T rd. e., base of concrete fence post; chiseled sq.	915.70
Agosta, 1.5 mi. s. of, at s. w. cor. of iron brg. over Scioto River on retaining wall; chiseled square	919.84
Agosta, 1 mi. s. of, 60 ft. s. w. of cen. of +roads, on n. e. cor. of concrete walk; chiseled square	918.69
Agosta, at s. e. cor. of city building; **iron post** stamped "944 Ohio"	**944.982**
Agosta, 1.2 mi. n. of, on s. e. cor. of e. end of concrete walk in front of E. B. Drake's res.; chiseled square	944.59
Meeker, 2.5 mi. s. of, near n. e. cor. of T rd. e., n. end of cast iron drain pipe	936.88
Meeker, 1.5 mi. s. of, 300 ft. s. of W. Cookston's res., on n. end of doorsill at entrance of brick schoolhouse; chiseled square	917.18
Meeker, 0.6 mi. s. of, on retaining wall at n. e. cor. of iron brg.; chiseled sq.	894.07
Meeker, 75 feet n. w. of J. F. Pfeiffer's blacksmith shop, near n. w. cor. of + roads, on w. end of iron interlocking drain pipe; highest point	894.36
Meeker, 0.5 mi. e. of, w. of n. w. cor. of +rds. on n. end of cast iron drain tile; highest point	896.13
Meeker, 0.5 mi. e. by 1 mi. n. of, at s. e. corner of +rds., opposite Rhoads schoolhouse; **iron post** stamped "896 Ohio"	**896.006**
Meeker, 2 mi. n. by 0.6 mi. e. of, 400 ft. n. of Abriam Smith's res., on s. w. cor. of abut. to iron bridge over Thompson's ditch; chiseled square	886.26
Meeker, 3.6 mi. n. of, s. e. cor. of +rds.; on e. end of iron drain; highest pt.	883.93
Meeker, 4 mi. n. of, at n. w. cor. of T road w., near s. e. cor. of Geo. Swavel's farm, 60 ft. n. of Carroll Ditch; **iron post**	**882.367**
Meeker, 5 mi. n. of, near s. w. cor. of T rd. w. on s. end of iron drain; highest pt.	888.62
Meeker, 6.2 mi. n. of, 15 ft. w. of n. w. corner of T road n., in top of osage stump on property line; copper B. M. nail	897.39
Upper Sandusky, 7.1 mi. s. of, at n. e. cor. of +rds, 300 ft. s. of Bauserville schoolhouse; **iron post** stamped "905 Ohio"	**905.095**

Point 7 mi. s. of Upper Sandusky w. along highway to pt. 6.2 mi. s. of Forest

Brownstown, 2.3 mi. e. of, at n. w. cor. of +rds., 150 ft. w. of Pleasant Grove schoolh., in base of telephone pole; spike	888.89

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	Feet
Brownstown, 0.8 mi. e. of, 50 ft. w. of T rd. n. at res. of C. C. McClear, in base of telephone pole; spike	893.43
Brownstown, in n. e. cor. of schoolhouse yard, 150 ft. e. of +rds.; **iron post** stamped "898 Ohio"	**898.393**
Brownstown, 1.5 mi. w. of, on s. side of w. abut. of large iron bridge over Tymochtee Creek; chiseled square	853.87
Brownstown, 2.6 mi. w. of, on n. e. cor. of York St. Christian Ch.; chiseled sq.	891.14
Brownstown, 3.2 mi. w. of, at s. e. cor. of +rds., 400 ft. e. of York St. schoolhouse; **iron post** stamped "892 Ohio"	**892.662**
Brownstown, 4.6 mi. w. of, at T rd. e., on e. abut. n. side of small concrete bridge; chiseled square	906.57
Brownstown, 5.6 mi. w. of, 500 ft. w. of H. Young's residence, on w. abut. s. side of iron bridge over little Tymochtee Creek; chiseled square	901.41
Brownstown, 6.3 mi. w. of, at s. w. corner of +rds., in front of Tymochtee schoolh. (Sub.-dist. No. 5), Jackson Twp., in base of telephone pole; spike	912.75
Point 10 mi. s. of Forest e. along rd. to point 2.6 mi. n. of Meeker	
Marseilles, 5.2 mi. s. w. of, at s. w. cor. of +rds., at res. of B. Heilman, on limestone rock; chiseled square	939.42
Marseilles, 4.4 mi. s. w. of, at s. w. cor. of +rds., 800 ft. w. of H. H. Kneisley's residence, on large rock; chiseled square	937.02
Marseilles, 3.5 mi. s. w. of, at n. e. cor. of T rd. n. w., on large rock; chiseled sq.	932.85
Marseilles, 2.1 mi. s. w. of, at n. w. cor. of White Baptist Church; **iron post**.	**923.814**
Marseilles, 0.5 mi. s. w. of, on Kenton road, n. e. cor. of T road n. e., in base of fence post; spike	890.70
Marseilles, 1.4 mi. s. e. of, on s. e. cor. of T rd. s., 200 ft. w. of T. F. Fehl's residence, in root of 8-in. hickory tree; copper B. M. nail	889.70
Marseilles, 2 mi. s. e. of, at s. e. cor. of +roads, 1000 ft. w. of J. W. Bloomingdale's residence, in top of fence post; copper B. M. nail	893.77
Marseilles, 3 mi. s. e. of, at s. e. cor. of +roads, 200 ft. n. of Baker schoolhouse; **iron post**	**886.356**
Marseilles, 4 mi. s. e. of, n. e. cor. of +rd., 200 ft. w. of B. P. Peter's res., in base of telephone pole; spike	882.28
Meeker, 1 mi. w. by 2 mi. n. of, 200 ft. w. of Zion schoolh., at n. e. corner of +roads, in base of fence post	885.81
Pfeiffer e. along highway to point 1.5 mi. s. of Meeker	
Hepburn, in front of M. E. Church, at s. w. cor. of T rd. s., on concrete wheel; chiseled square	959.02
Hepburn, 0.6 mi. e. of, at s. w. cor. of +roads; **iron post** stamped "952 Ohio"	**952.681**
Hepburn, 1.5 mi. e. of, near n. e. cor. of +rds., 300 ft. e. of D. D. Ward's res., on large stone on e. end of culvert; chiseled square	969.64
Hepburn, 2.5 mi. e. of, s. w. cor. of +roads, near Hardin-Marion county line, in top of fence post; copper B. M. nail	992.69
Hepburn, 3.6 mi. e. of, at s. w. cor. of T rd. n., 300 ft. w. of Orley Johnson's res.; on stone, chiseled square	956.38
Hepburn, 4.6 mi. e. of, 3.5 mi. n. of Larue, at s. e. cor. of +roads; **iron post** stamped "928 Ohio"	**928.251**
Hepburn, 5.5 mi. e. of, near n. e. cor. of +roads, on n. end of e. iron drain pipe; highest point	925.85

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	Feet
Meeker, 1.5 mi. s. by 2 mi. w. of, s. w. cor. of +roads, 300 ft. w. to W. L. Morral's residence, in top of fence post; spike	930.97
Meeker, 1.5 mi. s. by 1 mi. w. of, at s. e. cor. of +roads; **iron post**	**918.213**

Point 1.5 mi. s. of Agosta w. along highway to point 2.6 mi. n. of Mount Victory

Agosta, 3 mi. s. e. of, at n. w. cor. of T road n., 300 ft. w. of S. P. Trumbo's residence; **iron post** stamped "919 Ohio"	**920.103**
Larue, 2.8 mi. s. e. of, s. w. cor. of T road w., at res. of Marshall Waikee, top of fence post; copper B. M. nail	922.22
Larue, 2.3 mi. s. e. of, near center of T rd. s. on s. end of stone culv. under pike; chiseled square	920.09
Larue, 1.1 mi. s. of, near n. e. corner of T rd. e., on e. end of stone culvert; chiseled square	928.70
Larue, at s. w. corner of schoolhouse; **iron post** stamped "926 Ohio"	**926.800**
Larue, 0.8 mi. w. of, in cen. of first +rds. w., on cor. stone rock; chiseled sq.	949.14
Larue, 1.4 miles w. of, on w. end of door step at entrance to Bowling Green Township schoolhouse, Dist. No. 3; chiseled square	956.04
Larue, 2.1 mi. w. of, on s. w.. corner of T road s., at res. of W. B. Norris, on large limestone rock; chiseled square	956.12
Larue, 4 mi. w. of, at n. e. corner of T rd. e., 0.25 mi. w. of Earl Ballinger's residence; **iron post** stamped "966"	**966.732**
Larue, 4.9 mi. w. of, on w. side of rd. at T rd. e., on concrete retaining wall to Wildcat Run; chiseled square	962.50
Larue, 6.3 mi. w. of, 100 ft. e. of +rds., highest point on n. end of cast iron drain; highest point	979.24

Laurelville Quadrangle

Cox north along highway to Adelphi

Londonderry, 2.7 mi. n. e. of, s. w. cor. Friends' Church on n. e. cor. of road fork to n., in s. face foundation; **aluminum tablet** stamped "626—1906"	**626.184**
Cox, 1.5 mi. n. e. of, 0.5 mi. e. of Pike Run bridge, s. w. cor. of iron bridge over Salt Creek, in bridge seat; **aluminum tablet** stamped "631—1906"	**630.636**
Jimtown (Pike Run P. O.), n. e. cor. of small iron bridge over Pike Run, in top abut. stone; **aluminum tablet** stamped "668—1906"	**668.198**
Pike Run, 3.0 mi. n. of, n. e. cor. of Thomas Pritchard's yard, in stone post; **aluminum tablet** stamped "Prim. Trav. Sta. No. 10—791—1906"	**791.422**
Feightner, s. w. cor. U. B. Ch. in s. face; **aluminum tablet** stamped "1140—1906	**1139.895**
Adelphi, n. e. cor. of I. O. O. F. and P. O. building, on Main St., in water-table; **aluminum tablet** stamped "838"	**837.780**

Adelphi e. via South Perry to Gibisonville, thence s. to Mosley Chapel

Laurelville, n. w. cor. of public square; painted square at cor. on top of concrete curbing	739.58
Laurelville, 0.7 mi. n. e. of, near e.-w. section line; nail in top of stake on e. side of road	753.15
Laurelville, 2 mi. n. e. of, s. e. cor. of T rd. e.; **iron post** stamped "772 Ohio	**772.070**

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	Feet
Laurelville, 2 mi. n. e. by. 0.6 mi. e. of, 60 ft. w. of rd. forks, at T rd. n. w., in top of e. abut., s. wing wall of small iron bridge; chiseled square	772.70
South Perry, 1.6 mi. w. of, in n. w. cor. of T rd. n.; spike in base of teleph. pole	798.99
South Perry, 1.1 mi. w. of, in s. w. cor. of T rd. s.; painted sq. on top of stone	790.09
South Perry, 0.7 mi. w. of, s. side of rd. at T rd. n., in base of maple; spike	784.46
South Perry, 0.4 mi. w. of, s. side of rd, on e. end of lower step of Baptist Church; painted square	794.11
South Perry, w. edge of town, top of e. abut., s. wing of iron bridge over Toad Run, w. side of +rds.; painted square	794.46
South Perry, s. e. cor. of Jesse Cave's res.; **Iron post** stamped "804 Ohio	**804.067**
South Perry, 0.4 mi. e. of, n. side of T rd. s., on top of stone; square	802.29
South Perry, 1 mi. e. of, at n. e. cor. of T rd. n.; painted sq. on top of stone	814.35
South Perry 1.4 mi. e. of, 60 ft. w. of T rd. w., on top of w.-wing wall of e. abut. to steel brg.; painted square	822.31
Rock House, 0.1 mi. s. of, n. w. cor. of T rd. n.; spike in base of fence post	1096.22
Rock House, 0.4 mi. s. and e. of, about 250 ft. w. of bend in rd. to n. e. in top of stone under fence on n. side of rd.; chiseled sq	1114.26
Gibisonville, 1.3 mi. w. of, s. side of road at T rd. n.; spike in base of tree	1031.27
Gibisonville, 1 mi. w. of, n. side of rd. at T rd. s.; spike in root of small elm	1133.33
Gibisonville, n. e. cor. of Methodist Church; **Iron post** stamped "1114 Ohio"	**1113.646**
Gibisonville, 1 mi. s. of, w. side of rd. at forks; at T rd. e.; spike in base of fence post	1096.83
Gibisonville, 1.5 mi. s. of, in cen. of rd. forks at T rd. s. e., in top of stone; chiseled square	1075.52
Gibisonville, 1.5 mi. s. by 0.8 mi. s. e. of, in front of Scheiks res., in cen. of rd., in top of stone; chiseled square	1071.38
Gibisonville, 1.5 mi. s. by 1 mi. s. e. of, w. of rd. s., 100 ft. s. of rd. forks and 30 ft. s. of s. w. cor. of steel bridge over Pine Cr.; **Iron post** stamped "762"	**761.419**
Gibisonville, 1.5 mi. s. by 2.3 mi. s. e. of; spike in base of tree on e. side of rd. at top of hill	1060.14
Gibisonville, 1.5 mi. s. by 2.5 mi. s. e. of, s. side of T rd. n.; spike in w. end of drain	1052.46
Gibisonville, 1.5 mi. s. by 2.6 mi. s. e. of; spike in base of fence post, on e. side of road	1061.13
Cedar Grove schoolh.; spike in base of fence post on w. side of rd	887.46
Cedar Grove Ch., 350 ft. s. w. of, s. w. cor. of T rd. s.; **Iron post** stpd."897"	**897.084**
Cedar Grove Church, 0.3 mi. s. e. of, in n. e. cor. of T road e.; head of nail in top of wooden drain	1014.03
Cedar Grove Church, 1.3 mi. s. e. of, spike in base of fence post on e. side of road at road forks	860.04
Wesley Chapel, about 1.25 mi. n. e. of, T road e.; chiseled sq. on sandstone ledge, w. side of road at	841.81
Wesley Chapel, 1 mi. e. of, on s. side of e. abut. of small bridge; chiseled sq.	829.78
South Bloomingville, 3.8 mi. e. of, 0.2 mi. n. of Wesley Chapel, w. of road at forks; **Iron post** stamped "1066"	**1066.013**

Laurelville along C. & S. Ry. to South Bloomingville, thence by road to Wesley Chapel

Laurelville, 0.8 mi. s. e. of, 30 ft. s. of ry., 10 ft. w. of rd.; spike in tel. pole	731.86

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	Feet
Laurelville, 2 mi. s. e. of, s. side of track and 2 ft. below; small wooden trestle, e. end of; ry. spike	726.12
Laurelville, 2.3 mi. s. e. of, 400 ft. s. e. of Karshner schoolh., 500 ft e. of ry., n. w. cor. of private road w.; **Iron post** stamped "733"	**733.272**
Laurelville, 3.4 mi. s. e. of, s. w. cor. of rd. +ing; spike in base of teleph. pole	707.38
Haynes, s. e. cor. of T rd. n. e., 60 ft. e. of rd. forks; **Iron post** stamped "694"	**694.020**
Haynes Sta., 1.2 mi. s. e. of; spike in base of post on e. side of track	691.88
Haynes, 2.2 mi. s. e. of, n. side of track; spike in base of telephone pole	675.55
Reeds Sta., n. w. cor. of rd. +ing, 75 ft. n. of ry., in s. w. cor. of yard,; **Iron post** stamped "682"	**682.076**
Reeds, 0.7 mi. e. of, at rd. +ing, on w. side of road; spike driven in stringer of trestle, s. side of track	676.60
Reeds, 1.5 mi. e. of, 150 ft. s. of forks; spike in stringer n. side of track, trestle	682.43
South Bloomingville, road crossing at station; top of rail	690.7
South Bloomingville, n. w. cor. of Methodist Church; **Iron post** stamped "689"	**689.100**
South Bloomingville, 0.9 mi. n. e. of, 100 ft. w. of top of hill, s. side of road; spike in base of fence post	1000.20
South Bloomingville, 1.6 mi. n. e. of, s. side of rd. at T rd. n., painted square on root of stump of tree	1020.51
South Bloomingville, 1.8 mi. n. e. of, n. side of road, 260 ft. s. e. of schoolh. No. 4; painted square on top of stump of 6-in. tree	1034.75
South Bloomingville, 3.1 mi. e. of, in s. e. cor. of T rd. s.; chisel mark on stone	1050.23

Cox via Eagle Mills, Royal, Stella, and Hue to Wesley Chapel

Cox, 1 mi. n. e. of, s. side of rd. at T rd. n., on stone; chiseled square	630.71
Cox, 1.25 miles n. e. of, w. end of culv. at n. w. cor. of rd. forks; chiseled sq. painted "636 17"	636.11
Eagle Mills, 0.4 mi. s. of, n. e. cor. of road forks; spike in base of telephone pole, painted "637.879"	637.84
Eagle Mills, 0.1 mi. n. of post office, s. e. corner of rd. forks, inside of fence, s. side of wooden bridge and about 10 ft. from rd.; **Iron post** stpd. "648 Ohio"	**647.945**
Eagle Mills, 0.4 mi. e. of, n. w. corner of T rd. n.; spike in base of telephone pole, painted "642.325"	642.27
Eagle Mills, 1.1 miles e. of, spike in top of stump at n. e. corner of T rd. n.; painted "650.443"	650.38
Eagle Mills, 1.6 mi. e. of, at n. w. cor. of wooden culv. at n. e. cor. of T road s.; paint mark on spike, painted "676.926"	676.86
Eagle Mills, 2.2 mi. e. of, at n. w. corner of rd. forks; spike in top of stump, painted "670.341"	670.26
Eagle Mills, 2.9 mi. e. of, 3 ft. n. of teleph. pole, about 50 ft. s. of creek, w. of Vandiford school; **Iron post** stamped "678 Ohio"	**677.804**
Vandiford school, n. e. cor. of forks; spike in base of tel. pole, painted "682.771"	682.68
Vandiford school, 0.1 mi. e. of, at n. w. cor. of rd. forks; paint mark on stone, painted "708.697"	708.59
Vandiford school, 0.5 mi. s. e. of, Ural P. O., at s. w. cor. of rd. forks, about 75 ft. from intersec.; spike in root of oak tree, painted "740.585	740.47
Walnut Grove Church, 0.9 mi. s. e. of, n. e. cor. of rd. forks; paint mark on stone, painted "878.634"	878.51
Ural, 1 mi. s. e. of, e. end of box culv., at rd. intersec.; painted mark, "912.544"	912.41

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Ural, 2 mi. s. e. of, at n. w. cor. of rd. forks; spike in top of post, painted "754.284"	754.14
Royal, 0.9 mi. s. w. of cov. brdg., at s. e. cor. of rd. forks; spike in base of post on field, painted "714.064"	713.91
Royal, 60 ft. e. of covered brdg., at rd. forks; **iron post** stamped "726"	**725.527**
Royal, 0.5 mi. n. e. of cov. brdg., at n. e. cor. of rd. forks; paint mark on top of stone, painted "736.745	736.58
Royal, 1.7 mi. n. e. of, at s. e. cor. of rd. forks, on s. side of stream; spike in top of stump, painted "793.206	793.02
Royal, 3.4 mi. n. e. of, Low Gap, n. w. cor. of +rds.; spike in root of oak tree, painted "994.052"	993.85
Stella, outside s. e. cor. of cemetery fence, about 10 ft. n. of tel. pole and 100 ft. s. of church at n. w. cor. of +rds.; **iron post** stamped "1056 Ohio"	**1055.412**
Milhon school, 0.8 mi. n. e. of Stella, at rd. forks; spike in root of large oak tree, painted "1071.883"	1071.73
Stella, 1.2 mi. n. e. of, left side of rd.; painted mark on top of stone, "1085.289"	1085.14
Stella, 2.6 mi. n. e. of, at n. e. cor. of rd. forks; spike in root of hickory tree, painted "1045.109"	1045.00
Stella, 3.4 mi. n. e. of, about 0.8 mi. s. w. of Hue, at s. w. cor. of rd. forks; spike in root of tree, painted "1036.381"	1036.29
Hue, about 0.8 mi. w. of, in n. w. cor. of H. S. Honnold's yard, outside fence at rd. forks; **iron post** stamped "Prim. Trav. Sta., 865—1906—Ohio"	**865.354**
Stella, 5 mi. n. of, n. side of T rd. s.; paint mark on stone top of, painted "1068.255"	1068.21
Wesley Chapel Church, about 0.8 mi. s. e. of, at s. e. cor. of rd. forks; spike at base of mail box post, painted "1069.728"	1069.71
Wesley Chapel Church, 0.25 mi. s. e. of, at n. e. cor. of rd. forks; spike in base of fence post, painted "1042.7"	1042.68

Stella to Creola

Low Gap, 0.6 mi. s. e. of, at s. w. cor. of rd. forks; spike in w. end of plank in culv., painted "1011.604"	1011.38
Low Gap, 1.4 mi. s. e. of, rd. intersec.; painted mark on top of stone, "879.340"	879.09
Low Gap, 2.2 mi. s. e. of, at n. w. cor. of rd. forks; **spike** in base of fence post, painted "822.094"	**821.816**

Allensville to Royal

Ox, 1.4 mi. n. of, at s. e. cor. of forks; painted mark on top of stone, "764.683"	764.54
Allensville, 75 ft. w. of Darby's store, s. of rd., inside hitch rack; **iron post** stamped "682 Ohio"	**681.426**

Lawrenceburg Quadrangle

Point 2 mi. e. of Lawrenceburg to Lawrenceburg (precise line)

	Feet
Ohio-Indiana State line, on line of B. & O. Ry., 2 mi. e. of Lawrenceburg, Ind., on ry. brg. over Miami River, e. abut., n. side, 5 in. s. of n. face and 18 in. e. of w. end; **chiseled square** (C. & G. S. B. M. D5)	**482.634**
Lawrenceburg, on w. side of Short St., on People's National Bank Building, n. wall, 2.75 ft. w. of n. e. cor. and 3.9 ft. above ground, in water table; **brass bolt** marked with a horizontal line (C. & G. S. B. M. E5) (Indiana)	**483.943**

Harrison s. e. via roads to 1.7 mi. n. e. of Elizabethtown, thence s. w. to State line

Whitewater River; bridge over, surface of water, April 30, 1915	523.3

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	Feet
Harrison, 1.58 mi. s. e. of, on Harrison rd., 635 ft. n. w. of C. H. Fox's res. on e. side of pike, on header of culv.; chiseled sq. "511", painted on culv...	510.55
Harrison, 2.83 mi. s. e. of, T. 2 N., R. 1 E., near where pike crosses the n. line of sec. 32, on Harrison-Elizabethtown pike, under lane leading to H. H. Rodebush's res., on s. end of tile; highest pt., "523", painted on fence near	523.18
Harrison, 3.86 mi. s. e. of, T. 1 N., R. 1 E., 350 ft. s. of point where pike crosses the n. line of sec. 5, on Harrison road, on w. stone header to tile culv.; chiseled sq., "503" painted on black stump near	503.46
Harrison, 5.17 mi. s. e. of, on Harrison rd., 200 ft. s. of Henry Newhouse's res., on n. abut. on e. side of iron brg.; chiseled sq., "491" painted on brg.	491.23
Elizabethtown, 1.71 mi. n. e. of, on Harrison road, in stump fir post; copper B. M. nail	484.18
Elizabethtown, 0.82 mi. n. e. of, on Harrison road, at n. w. cor. of concrete arch brg.; on abut., chiseled sq., "477" painted on brg. parapet	477.32
Elizabethtown, 250 ft. n. e. of schoolh., at s. w. cor. of +roads, on concrete header to tile culv.; chiseled sq., painted "512" on teleph. pole.....	512.04
Elizabethtown, 0.91 mi. s. w. of, about 100 ft. w. of Ohio-Indiana State line, at n. e. cor. of +roads, on large limestone rock, over e. end of stone box culv.; chiseled sq., "496" painted on rock.....	496.42
Elizabethtown, 1.1 mi. s. w. of, at n. e. cor. of T pike n., at Ohio-Indiana State line, near large monument, 35 ft. n. by 20 ft. e. of cen. of T pike; **Iron post** stamped "Prim. Trav. Sta. No. 32—491"	**490.845**

Near Hooven w. on roads to 1.7 mi. n. e. of Elizabethtown

Miami, 3.68 mi. s. w. of, on pike, 160 ft. s. of T rd. n., 3 ft. s. of s. e. cor. of W. J. Baur's pump house, on w. rd. line; **Iron post** stamped "493 Ohio" ..	**493.193**
Miami, 3.94 mi. s. w. of, on pike, 1020 ft. n. of Oliver Swisher's res., on s. abut. at w. side of concrete brg.; chiseled sq., "493" painted on brg	493.48
Hooven, 0.67 mi. n. e. of, on pike, 270 ft. s. of Paul Roessler's res., in cen. of e. concrete header over tile culv.; chiseled sq., "497" painted on header	497.58
Hooven, on s. end of w. side of concrete walk leading to Berea School Special District No. 2; chiseled square, "530" painted on tree opposite... ...	529.95
Valley Junction, at Whitewater R. R. crossing; top of rail.....	496.9
Valley Junction, 130 ft. n. of sta., 120 ft. n. w. of electric and steam ry. +ing, on w. end of n. header of concrete culv.; chiseled sq., "497" painted on telephone pole.....	495.85
Valley Junction, 0.92 mi. n. of, on electric ry., at stop 300, on e. side of rd., on concrete base to teleph. booth; chiseled square, "492" painted on pole	491.70
Whitewater River, suspension bridge over, floor	494.8
Whitewater River, surface of water, May 4, 1915, 1 P. M.....	467.0
Elizabethtown, 1.71 mi. n. e. of, on Harrison Rd., 300 ft. n. of T rd. leading e. over suspension brg. over Whitewater River, at n. w. cor. of T road w.; **Iron post** stamped "485 Ohio"	**485.528**

State line s. w. along C. C. C. & St. L. Ry. to Lawrenceburg (in Indiana)

Lawrenceburg Jc., 0.9 mi. n. e. of, on C. C. C. & St. L. Ry., 550 ft. s. w. to stop 70 on elec. ry., on concrete base to teleph. booth; chiseled sq., "492" painted on n. side of concrete base.....	492.16
Lawrenceburg Jc., opp. sta.; top of rail "498" painted on sta. curb	498.6
Lawrenceburg Jc., 670 ft. s. w. of, on C. C. C. & St. L. Ry., 10 ft. s. of ry., on top of concrete signal pier 3 ft. by 3 ft.; chiseled sq., "500" painted on pier	500.39

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	Feet
Lawrenceburg Jc., 0.97 mi. s. w. of, on C. C. C. & St. L. Ry., 200 ft. e. of T rd. w., in base of teleg. pole; 60 penny spike, "490" painted on telegraph pole	490.35
Lawrenceburg, 5 ft. w. of ry., 100 ft. s. of n. +ing, at entrance to fair ground, on concrete base to signal tower; chiseled sq., "487" painted on concrete base	487.63
Lawrenceburg, in front of courth., under cen. of second window from e. cor., on water table; **chiseled mark**, "1879 U. S. C. & G. S. B. M. U."	**485.941**

Army Engineers' precise line

Medoc Bar, 2 mi. above Great Miami River, Army Engineers' U. S. B. M. 487-A; **cut** on stone set in ground 1½ ft. below surface in axis (produced) of old upper diagonal dike, 19.7 ft. w. of large willow tree and 16.5 ft. e. of willow tree, Elev. 442.783	**442.237**

Lima Quadrangle

Lima w. along ry. to Kempton, thence s. along rd. to Wapakoneta, thence e. to near Santa Fe, thence n. and w. to Lima

Lima, courthouse, s. w. cor. of; **aluminum tablet** stamped "884 Col"	**884.451**
Lima, office building of Erie Railroad, 1 ft. e. of n. w. corner; **square**	**881.904**
Lima, W.O. Ry. +ing over Erie Ry., n. w. cor. pier, s. w. cor. of; **chiseled square**	**877 259**
Kempton, brick schoolh., 500 ft. n. of Erie Ry. +ing, 3 ft. n. of s. w. cor. of schoolh.; **aluminum tablet** stamped "836 Col"	**835.769**
Hume, Twomile Creek, ry. brg. over, e. abut., s. w. cor. of back wall; **bronze tablet** stamped "846 Col"	**845.252**
Wapakoneta, iron bridge over Auglaize River, n. abut., e. end, s. w. corner; **aluminum tablet** stamped "885 Col"	**885.791**
Wapakoneta, in front of T. & O. C. Ry. station; top of rail	895.6
Wapakoneta, 2 mi. s. w. of, small iron bridge over Owl Creek, s. abut., n. w. cor. bridge seat; square	879 76
Wapakoneta, 3 mi. s. w. of, Washington Tp. sec. 12, near center of, subdistrict No. 6, schoolh. at rd. e., n. side of door sill; **aluminum tablet** stpd. "908 Col"	**908.327**
Wapakoneta, 4 mi. s. of, small girder bridge, Western Ohio Electric Railway, 1,000 ft. n. of highway, s. abut. n. w. cor.; **aluminum tablet** stamped "973 Col"	**973.535**
Gutman, 2 mi. n. e. of, Lusk schoolhouse, at +roads, stone door sill, n. end of; **aluminum tablet** stamped "1019 Col"	**1019.464**
Uniopolis, 2.8 mi. e. by 1.2 mi. s. of, Wesley Chapel M. E. church, 1,000 ft. s. of +rds., stone door sill, n. end; **aluminum tablet** stamped "1086 Col"	**1085.611**
South Warsaw, 2 mi. s. e. of, n. w. quar. of sec. 12, Shamon school, s. e. of +rds., stone door sill, w. side of; **aluminum tablet** stamped "1005 Col"	**1005.537**
South Warsaw, 0.5 mi. n. of, iron bridge over Auglaize River, s. e. wing wall, s. w. cor. of; **aluminum tablet** stamped "922 Col"	**921.996**
Lima, 4 mi. e. of, sec. 2, near s. w. quar. of, small iron brg. 50 ft. e. of road +ing, n. e. cor. of brg. seat, w. abut.; **aluminum tablet** stamped "942 Col"	**941.603**

Lima s. along C. H. & D. Ry. and highway via Cridersville to Weingarten school near Fryburg

Cridersville, Blackburn and Fisher hardware brick bldg. w. of ry., n. side of Main St., stone door sill, e. end; **aluminum tablet** stamped "891 Columbus 1903"	**891.332**
Uniopolis, 2 mi. w. of, Parlette schoolhouse, at road forks, stone door sill, e. door; **aluminum tablet** stamped "919 Columbus 1903"	**919.020**
Fryburg, 1.5 miles s. e. of, Weingarten school, in stone door sill n. side; **aluminum tablet** stamped "1016 Col"	**1016.006**

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Lima south along C. H. & D. Ry. to Pusheta township (precise line)

	Feet
Lima, C. H. & D. Ry. sta., e. side of building in angle s. of main structure, on w. end of doorsill stone; chiseled sq. at time of leveling, entrance to train dispatcher's office (C. & G. S. B. M., U1)	879.071
Lima, s. e. cor. of High and Elizabeth Streets, n. e. cor. of P. O. building, in water table, e. face, 315 ft. s. of n. cor. and 4.2 ft. above flagging, horizontal cut in cen. of 1-inch **square cut**, one-fourth inch deep; marked "U.S.C.&G.S." (C. & G. S. B. M., V1)	877.449
Lima, s. w. cor. of High and Main Streets; top of n. fire-plug of city hydrant (C. & G. S. B. M., Lima City)	872.705
Cridersville, 1.2 mi. n. of, on C. H. & D. Ry., on n. w. quar. of abut. of bridge 46, over Little Ottawa Creek, on w. end of bridge-seat course, 9 in. n. of s. face; highest pt. on **square** with rounded cors. 1.8 inches on side and lettered "U.S.C.&G.S." (C. & G. S. B. M., W1)	868.942
Cridersville, on C. H. & D. Ry., 66 ft. w. from main track and 45 ft. n. of n. side of Main Street, in stone window sill of Hoover Bros.' block; **brass bolt** marked with horizontal line (C. & G. S. B. M., X1)	892.389
Wapakoneta, 0.25 mi. n. of, on C. H. & D. Ry., in n. e. quar. of bridge 45 over Auglaize River, in bridge-seat course on e. part of receding angle, 1.9 meters below top of retaining wall; **chiseled square** (C. & G. S. B. M., Y1)	866.109
Wapakoneta, e. face of county courth. building, 17 ft. from n. e. cor. of n. pillar between basement windows, 3 ft. above ground and 16 in. s. of n. edge of pillar; **brass bolt** marked with horizontal line (C. & G. S. B. M., Z1)	898.519
Wapakoneta, 2 mi. s. of, on C. H. & D. Ry., on s. e. quar. of brg. 44 over Pusheta Cr., on brg. seat course, 2 ft. w. of e. end of shelf, 7 in. from edge; elevated pt. circumscribed by **sq. cut** in stone "U.S.C.&G.S." (C.&G.S.B.M., A2)	915.911

Lisbon Quadrangle

Canfield s. along highway to Leetonia

Calla station, 0.5 mi. e. of, 4 mi. s. of Canfield, at s. e. cor. of +roads, in w. face of n. w. cor. of brick schoolh.; **aluminum tablet** stamped "1185—1906".	1184.873
Locust Grove, 1.5 mi. e. of Greenford, s. w. cor. of + roads, in e. face of n. e. cor. of Locust Grove schoolh.; **aluminum tablet** stamped "1236—1906"	1236.151

Berlin Center s. to Snodes

Snodes, 1 mi. n. of, in east face of n. e. cor. of Peru schoolh.; **aluminum tablet** stamped "1112—1906"	1111.517

Snodes east to Calla

Patmos, 0.5 mi. w. of, in s. face of s. e. cor. of Patmos schoolh.; **aluminum tablet** stamped "1227—1906"	1226.205
Concord Church, Hickory Corners, at s. e. cor. of +roads, in w. face of n. w. cor. of church; **aluminum tablet** stamped "1083—1906"	1082.561

Leetonia s. along highway and Erie Railroad to Lisbon

Franklin Square P. O., 2.5 mi. s. w. of Leetonia, 400 ft. e. of +rds., in n. face of n. e. cor. of M. E. Church; **aluminum tablet** stamped "1066—1906"	1065.981
Teegarden, in bridge seat at s. w. cor. of small iron bridge over branch near covered bridge; **aluminum tablet** stamped "991—1906"	990.265
Coleman station, 0.5 mi. s. e. of, 3 mi. n. w. of Lisbon, at s. e. cor. of bridge seat; **aluminum tablet** stamped "965—1906"	964.719

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Lisbon, in n. face of n. e. cor. of courth.; **bronze tablet** stamped "968 Stbnvl"	**967.499**
Lisbon, diagonally opp. courth.; **iron post** stamped "Prim. Trav. Sta. No. 45"	**967.413**

Franklin Square w. along rd. to Westville, thence n. to Snodes

Salem, 200 ft. e. of Penn. Ry. and on s. side of Main St., in s. face of s. e. cor. of Salem Water Co. pump house; **aluminum tablet** stamped "1169—1906" ..	**1168.967**
Salem, 3 mi. w. of, 2 mi. e. of Damascus, s. side of rd. in w. face of n. w. cor. of L. K. Lightfoot's yellow brick house; **aluminum tablet** stamped "1247—1906"	**1246.225**
Damascus, 2 squares n. w. of main +roads, in w. face of s. w. cor. of school building; **aluminum tablet** stamped "1220—1906"	**1219.064**
Westville, 2 mi. w. of Damascus, 150 ft. n. of +roads and on e. side of road; **iron post** stamped "Prim. Trav. Sta. No. 49".....	**1142.315**
Beloit, 0.5 mi. e. of, n. w. cor. of **cover stone** on box culv., P. Ft. W. &C. Ry. B. M.	**1143.530**
Beloit, 1.5 mi. n. of, 1.25 mi. s. of Snodes Sta., in w. face of n. w. cor. of Beech Ridge schoolhouse; **aluminum tablet** stamped "1165—1906".....	**1163.884**

Coleman Sta. w. along highway to New Alexandria, thence n. to near North Georgetown

Guilford (Buck P. O.), 8 mi. s. of Salem, at w. edge of village, in brg. seat at s. e. cor. of small iron brg. over stream; **aluminum tablet** stamped "1116—1906"	**1114.912**
New Garden, 700 ft. w. of main +roads, and on s. side of road, in w. face of n. w. cor. of Christian Church; **aluminum tablet** stamped "1271—1906".....	**1270.614**
New Alexander, 500 ft. w. by 400 ft. s. of main +rds., in w. face of n. w. cor. of Bible Christian Church; **aluminum tablet** stamped "1326—1906".....	**1324.808**
Bridgewater, 1 mi. s. of North Georgetown, 200 ft. s. of +rds., in brg. seat at n. w. cor. of small iron brg.; **aluminum tablet** stamped "1132—1906".....	**1130.937**
North Georgetown, 1 mi. n. by 0.25 mi. w. of; Mill School, e. face of s. e. cor. of school; **aluminum tablet** stamped "1110—1906".....	**1109.426**

Near Berlin Center (precise line)

Berlin Center, about 2.5 mi. s. of, on Penna. Ry. right-of-way, five telegraph poles n. of milepost 20, middle of w. end of n. concrete abut. of bridge 26; (C. & G. S. B. M. T6).....	**1089.090**
Berlin Center, about 2 mi. s. of, 17 teleg. poles s. of milepost 24, at s. w. cor. of Western Reserve line +ing, 15 meters w. of track; **red metal cap** on iron post (C. & G. S. B. M. U6).....	**1084.868**

Kensington Triangulation Station to Hanoverton

Hanoverton, in n. w. abut. of brg. over abandoned sandy canal; chiseled circle	1134.05
Hanoverton, 1 mi. e. of, on rd. to Dungannon, T rd. s., 500 ft. w. of summit of hill, in top of large stone on n. side of rd. off by rd.; chiseled circle	1250.99

Logan Quadrangle

Rushville s. along T. & O. C. Ry. to Bremen, thence e. along C. & M. V. Ry. to Junction City thence n. along B. & O. Ry. to McElroy (Carthon)

	Feet
Rushville, 2.6 mi. s. of, on stone abut. of culv., w. side of railroad; **aluminum tablet** stamped "821".....	**821.071**
Bremen school bldg., on front doorstep, n. side of door; **aluminum tablet** "800"	**800.151**
Bremen, in front of C. & M. V. R. R. station; top of rail.	799.6

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	Feet
Bremen, 0.84 mi. e. of, on top course of stone abut. of ry. bridge, n. w. cor. of; chiseled square marked "800"	799.39
Bremen, 3.95 mi. n. e. of, on n. abutment of stone culv., n. side of railroad; **aluminum tablet** stamped "813"	**812.461**
Bremen, 5.03 mi. e. of, on stone abut. of wagon bridge, 50 ft. n. of rd. +ing; chisel square marked "816.5", top of rail marked "818.1"	816.27
Bremen, 5.75 mi. e. of, in milepost "T 44", s. side ry.; **spike** marked "820"	**819.889**
Junction City, 150 ft. n. w. of station, 20 ft. e. of street near C. & M. V. Ry. right-of-way; **iron post** stamped "Prim. Trav. Sta. No. 66—829"	**828.493**
Junction City, in front of B. & O. Ry. sta.; top of rail	827.6
McElroy, in front of station; top of rail	827.9

Bremen w. along C. & M. V. Ry. to North Berne

Bremen, 1.8 mi. w. of, in sandstone abut. n. e. cor. of railroad bridge, rd. +ing, 100 ft.e. of; **aluminum tablet** stamped "803"	**802.384**

Bremen s. along highway and H. V. Ry. to Logan

Bremen, 2.40 mi. s. of, on stone at forks of rd.; chiseled square marked "951"	950.22
Bremen, 2.80 mi. s. of, on stone at forks of rd.; chiseled square marked "1011"	1010.44
Bremen, 2.96 mi. s. of, on stone found. of Joseph Bochs' stable, 281 ft. n. of forks of road; **aluminum tablet** stamped "991"	**991.047**
Bremen, 4.75 mi. s. of, on stone at forks of rd.; chisel square marked "777"	776.62
Bremen, 5.23 mi. s. of, on stone, s. side forks of rd.; chiseled sq. marked "834"	833.15
Bremen, 5.5 mi. s. by 0.75 mi. e. of, on stone foundation of Christ. Kunkler's stable; **aluminum tablet** stamped "1038"	**1037.502**
Bremen, 8.2 mi. s .e. of, stone at s. w. cor. of rd.+ing; chiseled sq. marked "1004"	1004.00
Bremen, 7.0 mi. s. by 2 mi. e. of, on stone foundation of brg., s. e. cor. of; **aluminum tablet** stamped "838"	**837.327**
Bremen, 9.45 mi. s. e. of, on stone at rd. forks, near brg. over small creek; chiseled square marked "802"	801.87
Bremen, 9.97 mi. s. e. of, on stone at forks of rd.; chiseled sq. marked "784"	783.10
Bremen, 10.26 mi. s. e. of, stone at w. side forks of rd.; chiseled sq. marked "770"	769.70
Bremen, 11.39 mi. s. e. of, on stone at forks of rd.; chiseled sq. marked "748"	747.94
Logan, 2.5 mi. n. of, at forks of road, s. w. cor. of found. of brg., on stone; **aluminum tablet** stamped "743"	**742.796**
Logan, on n. w. cor. of courth., in water table near end of portico, 1 ft. from front face; **aluminum tablet** stamped "741"	**740.345**

Bristol s. along highway to Bairds Furnace, thence w. along H. V. Ry. to Webb Summit

Dixie, in front of station; top of rail	858.4
Dixie, on stone found. of the Upson Coal Mining Company's store, s. side of; **aluminum tablet** stampcd "861"	**860.834**
Dixie, 3.20 mi. s. of, n. e. cor. of brg., on abut.; **aluminum tablet** stamped "749"	**748.711**
Bairds Furnace, in front of station; top of rail	730.6
Gore, road crossing; top of rail at station	761.6
Gore, on stone found. of iron brg., s. e. cor. of, 200 ft. n. of sta.; 100 ft. e. of forks of road; **aluminum tablet** stamped "768"	**768.033**

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	Feet
Gore, 3.65 mi. w. of, 135 ft. n. of track, at rd. +ing, on s. w. abut. of iron bridge; **aluminum tablet** stamped "760"	759.492
Webb Summit, in front of sta.; top of rail	788.4
Bairds Furnace, s. along H. V. Ry. and highway to Haydenville	
Kachelmacher, 730 ft. e. of, in w. abut., n. side of iron brg.; **aluminum tablet** stamped "704"	703.905
Kachelmacher, 1.8 mi. s. w. of, on n. end of small stone culv. at T rd.; chis. marks	749.39
Kachelmacher, 2.31 mi. s. w. of, in stone doorstep of schoolh.; **aluminum tablet** stamped "792"	791.154
Enterprise s. e. along H. V. Ry. to Haydenville	
Enterprise, at sta., 50 ft. w. of track, in sandstone platform of large store; **aluminum tablet** stamped "749"	748.644
Logan, in front of station; top of rail	727.3
Logan, 4.5 mi. s. e. of, 165 ft. n. of railway, in flat top of s. e. wing of concrete slab brg. over Threemile Creek, on Logan-Athens road; **aluminum tablet** stamped "718" (reset, old Elev. 718.345)	713.355

London Quadrangle

Range north along highway to London	
Range, 2.2 mi. n. of, in brick wall of doorway of Concord schoolh.; **aluminum tablet** stamped "1042 ADJ 1903"	1042.466
Newport (near Walnut Run), 3.5 miles s. of London, in s. end of w. wall of schoolh.; **aluminum tablet** stamped "1071 ADJ 1903"	1071.496
London n. e. along rd. to Gillivan thence s. e. to West Jefferson	
Lafayette, at s. e. corner of brick wall of town hall; **aluminum tablet** stamped "1013 ADJ 1903"	1013.482
Gillivan, in brick wall at n. side of M. E. Church; **aluminum tablet** stamped "977 ADJ 1903"	977.504
County corner e. of Big Plain w. along highway to London	
Big Plain, in top stone of foundation of M. E. Church, 1 foot s. of n.-w. cor.; **aluminum tablet** stamped "985 ADJ 1903"	985.738
Big Plain, 3 mi. w. of, in parapet stone of bridge over Deer Creek, 3 ft. n. of n. e. cor.; **aluminum tablet** stamped "940 ADJ 1903"	940.460
London, 4 mi. s. e. of, on Circleville pike, 450 ft. w. of fork of Mount Sterling pike s., in s. end of stone culv.; **aluminum tablet** stamped "1009 ADJ 1903"	1009.40
London, n. e. along highway near P. C. C. & St. L. Rv., to near West Jefferson	
London, in stone on s. side of courthouse entrance steps on High Street; **aluminum tablet** stamped "1054 ADJ 1903"	1054.238
London, 3.5 mi. n. e. of, at Deer Cr. bridge on London-West Jefferson pike, in s. side of n. w. parapet stone; **aluminum tablet** stamped "986 ADJ 1903"	986.712
London, 6.4 mi. n. e. of, at T rd. n., on top stone of doorstep at left entrance to Glade schoolh.; **aluminum tablet** stamped "977 ADJ 1903"	976.975
West Jefferson, 0.2 mi. e. of city hall, 2 ft. e. of s. e. cor. of brg. over Little Darby Creek, in parapet stone; **aluminum tablet** stamped "898 ADJ 1903"	898.336

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Loramie Quadrangle

Point 2 mi. n. of New Bremen s. along highway via Loramie to Huffman School

New Bremen, 2 mi. n. of, in base of teleph. pole at n. e. cor. of +rds.; spike	920.24
New Bremen, 1 mi. n. of, at n. e. cor. of +rds., in base of teleph. pole; spike	935.84
New Bremen, in base of teleph. pole, at s. e. cor. of Main and Pearl sts.; spike	938.72
New Bremen, at n. e. cor. of Main and Monroe Sts., on curb; paint mark...	942.05
New Bremen, at s. e. cor. of Zion Church (Reformed), midway between steps leading to s. and w. door of church; **Iron post** stamped "941"	**941.103**
New Bremen, 1 mi. s. of, in base of teleph. pole at s. e. cor. of +rds.; spike	963.38
New Bremen, 1.5 mi. s. of, in base of teleph. pole at T rd. e.; spike.....	975.08
Minster, 1 mi. n. of, in base of teleph. pole at s. e. cor. of +rds.; spike.....	971.16
Minster, on concrete walk, s. w. cor. of +sts., in front of Sommer Hotel; paint mark....	967.57
Minster, in yd. in rear of Sommer Hotel, 15 ft. s. of s. face of bldg. and 4 ft. w. of sidewalk, inside of fence; **Iron post** stamped "968"....	**967.718**
Minster, 0.5 mi. s. of main +sts., on w. end of stone culv. at s. w. cor. of +roads; paint mark	964.58
Minster, 1 mi. s. of, on large rock at s. w. cor. of T road w.; paint mark....	962.96
Loramie, on n. end of w. abut. of iron bridge over canal, 60 feet. s. e. of V. Gaier's store; paint mark.....	959.44
Loramie, at n. end of w. abut. of iron bridge over canal and 60 ft. s. e. of V. Gaier's store; **Iron post** stamped "959".....	**958.894**
Loramie, 1.0 mi. s. of, in n. end of wooden drain, at T rd. w.; brass nail head	962.35
Loramie, 1.5 mi. s. of, in s. end of wooden drain, at T road e.; brass nail head	961.91
Loramie, 2 mi. s. of, in top of fence post, w. side of n.-s. road at T road e.; brass nail head.....	970.33
Newport, 1.5 mi. n. of, on e. side of n.-s. rd., at T rd. w., 100 ft. n. w. of brick schoolhouse District No. 4; **Iron post** stamped "1006".....	**1005.782**
Newport, 1 mi. n. of, on large stone at s. e. cor. of +roads; paint mark....	1005.20
Newport, on rock at n. e. cor. of +sts., 1 sq. n. of canal brg.; paint mark.	972.70
Newport, 0.3 mi. s. of, at T road n., on first step below coping on n. end of w. abut. of iron brg. over Loramie Creek; paint mark ...	936.52
Newport, 1.25 mi. s. of, large rock at s. e. cor. of diag. rd. s. e.; paint mark	954.50
Newport, 1.25 mi. s. of, at s. e. cor. of diag. road, s. e.; **Iron post** stamped "953"	**953.066**
Newport, 0.3 mi. w. by 1.7 mi. s. of, in top of fence post at T rd. w.; brass nail head	1004.91
Houston station, 2 mi. w. of, in top of fence post at s. w. cor. of +roads; brass nail head ...	1023.50

5 mi. w. of Swanders w. via Loramie to Yorkshire

Loramie, 0.5 mi. s. by 6 mi. e. of, in base of teleph. pole at n. e. cor. of +roads; spike.....	1016.29
Loramie, 0.5 mi. s. by 5 mi. e. of, in top of fence post at s. e. cor. of +roads; brass nail head.....	1007.53
Loramie, 0.5 mi. s. by 4.5 mi. e. of, 50 ft. s. of and in front of res. of John Roman; **Iron post** stamped "1000".....	**1000.204**

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Loramie, 0.5 mi. s. by 4 mi. e. of, in base of teleph. pole at T rd.; lag screw	993.42
Loramie, 0.5 mi. s. by 3 mi. e. of, base of tel. pole at n. e. cor. of +rds.; spike	974.49
Loramie, 0.5 mi. s. by 2 mi. e. of, in w. end of wooden drain at +roads; brass nail head	971.03
Loramie, 0.5 mi. s. by 2 mi. e. of, at s. e. cor. of +rds.; **iron post** stamped "972"	**972.299**
Loramie, 0.5 mi. s. by 1 mi. e. of, on w. end of stone drain, +rds.; paint mark	959.83
Loramie, 0.5 mi. w. of, in top of fence post at n. w. cor. of T rd. n.; brass nail nead	947.06
Loramie, 1 mi. w. of, in base of teleph. pole at s. w. cor. of T rd. s.; lag screw	946.30
Loramie, 2 mi. w. of, in base of fence post at n. w. cor. of +roads; spike	954.41
Loramie, 3 mi. w. of, at county line, in base of teleph. pole at n. w. cor. of +roads; spike	956.13
Loramie, 3 mi. w. of, county line, n. e. cor. of +rds.; **iron post** stamped "955"	**955.110**
Loramie, 3.75 mi. w. of, in base of teleph. pole at T rd. n.; lag screw	963.61
Yorkshire, 0.5 mi. e. of, in base of tel. pole at s. e. cor. of +rds.; lag screw	972.15
Yorkshire, at s. w. cor. of T rd. s., in n. face at n. w. cor. of small brick store building; **aluminum tablet** stamped "988 ADJ 1905"	**987.208**

Near New Knoxville

New Knoxville, 1 mi. s. by 1.5 mi. w. of, in n. face of n. e. cor. of Berghorn schoolh., Subdistrict No. 2; **aluminum tablet** stamped "918 ADJ 1905"	**917.561**
New Knoxville, 1 mi. s. by 1.3 mi. w. of, at n. e. cor. of +rds., in base of teleph. pole; spike	915.03
New Knoxville, 1 mi. s. by 1 mi. w. of, at n. e. cor. of T rd. w., in top of fence post; nail	918.84
New Knoxville, 2 mi. s. e. of, 5 mi. w. of Botkins, e. side of s. e. cor. of schoolh. at n. w. cor. of diagonal rd. to n. w., in stone under window; **aluminum tablet** stamped "944 ADJ 1905"	**943.731**
New Knoxville, 3 mi. e. of, in base of teleph. pole at n. w. cor. of +rds.; spike	925.93
New Knoxville, 3.0 mi. e. by 1.0 mi. s. of, on Shelby-Auglaize county line, at s. w. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 6—928"	**928.344**

Houston along Big Four R. R. to Hardin

Houston, in front of station; top of rail	962.1
Houston sta., in base of tel. pole, 50 ft. n. of ry. +ing., 350 ft. e. of sta.; spike	963.44
Dawson, at ry. +ing, at station, 30 ft. s. of ry., 30 ft. w. of ry. +ing, in base of teleph. pole; spike	942.31
Dawson, at sta., in s. w. cor. of yard of res. of E. J. Griffis, 15 ft. n. of ry. and 40 ft. w. of sta., at ry. +ing.; **iron post** stamped "943"	**943.161**
Dawson, 0.5 mi. e. of, top of n. rail, w. end of plank at ry. +ing.; top of n. rail	956.3
Hardin station, 1 mi. e. of, 30 ft. s. of railroad and 25 ft. w. of rd., at ry. +ing; on right-of-way; **iron post** stamped "989"	**908.874**

2 mi. s. of Kettlersville w. to Minster

Kettlersville, 2 mi. s. of, in top of fence post at s. w. cor. of +rds.; brass nail head	965.96
Kettlersville, 2 mi. s. by 0.5 mi. w. of, in top of fence post at s. e. cor. of diagonal +rds.; brass nail head	968.65
Minster, 1 mi. n. by 4 mi. e. of, in top of fence post at s. e. cor. of T rd.; brass nail head	978.34

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	Feet
Minster, 1.0 mi. n. by 4.0 miles e. of, n. side of e.-w. road at T rd s.; **iron post** stamped "974"	**974.450**
Minster, 1 mi. n. by 3 mi. e. of, in base of teleph. pole at s. w. cor. of +rds.; spike	972.78
Minster, 1 mi. n. by 2 mi. e. of, in top of fence post at n. w. cor. of T rd. w.; brass nail head	977.83

Point 2 miles n. w. of Chickasaw east along highway 4 miles

Chickasaw, 2 mi. n. by 0.75 mi. e. of, in concrete brg. seat at n. w. corner of small iron bridge; **aluminum tablet** stamped "899 ADJ 1905"	**898.712**
New Bremen, 3 mi. n. of, along traction line, at s. e. cor. of +rds., in w. face of n. w. corner of brick schoolh.; **aluminum tablet** stamped "902 ADJ 1905"	**901.558**

Chickasaw s. along C. H. & D. Ry. to Yorkshire

Chickasaw, in s. e. corner of store and dwelling of H. Gast, in s. face in watertable; **aluminum tablet** stamped "947 ADJ 1905"	**946.731**
St. John, (Maria Stein station), in w. face, about 10 ft. from n. w. cor. of Myers and Patty's grain elevator; **aluminum tablet** stamped "974 ADJ 1905"	**973.710**

Loudonville Quadrangle

Lakeville (Plimpton) south along highway to Nashville

Lakeville (Plimpton), e. abut. of brg. 129; top of n. w. cor. of second step below track, marked with chisel "**B. M.**"	**938.330**
Lakeville (Plimpton), 0.5 mi. s. by 0.5 mi. east of, on Lakeville rd.; top of 1-ton bowlder, marked "989.402"	989.40
Lakeville (Plimpton), 1.25 mi. s. by 0.5 mi. e. of, 250 ft. n. of +rds.; top of s. e. cor. of n. w. wing of concrete bridge, marked "987.523"	987.53
Lakeville 2 mi. s. of, at n. w. corner of +rds.; **iron post** stamped "1043 Ohio"	**1042.617**
Nashville, 1.5 mi. n. by 0.5 mi. w. of, top of s. w. corner of n. abut. of small bridge, marked "1025.599"	1025.61
Nashville, 0.5 mi. w. by 1 mi. n. of; top of s. w. cor. of n. abutment of small bridge, marked "1065.974"	1065.98
Nashville, 0.5 mi. n. by 0.5 mi. w. of, top of s. w. corner of n. abut. of small bridge, marked "1114.615"	1114.63
Nashville, in schoolhouse yard; **iron post** stamped "1214 Ohio"	**1214.327**

Glenmont via public road to Nashville

Glenmont, top of n. w. cor. of culv. at s. end of Nashville rd., marked "880.948"	880.95
Glenmont, 1 mi. n. by 0.5 mi. w. of, top of masonry at n. w. cor. of n. w. wing of small bridge, marked "904.168"	904.16
Nashville, 3 mi. s. of, at n. e. cor. of +rds.; **iron post** stamped "998 Ohio"	**998.292**
Nashville, 1.25 mi. s. of, top of masonry at s. w. cor. of n. abut. of small brg.	1207.41
Nashville, 0.8 mi. s. of, top of n. w. cor. of s. w. wing of small bridge	1127.99

Brinkhaven to Loudonville

Greer (Edlam), 1.5 mi. s. by 0.5 mi. e. of, at s. e. cor. of rd. +ing; **iron post** stamped "899 Ohio"	**899.17**
Greer, 0.8 mi. s. of, at s. end of w. guard rail (wooden) trestle brg.; top of bolt	**906.36**
Greer station, s. e. cor. of concrete found'n of semaphore	**920.80**

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Greer, 1 mi. n. of, under w. rail of brg. 25; top of s. end of iron girder.....	896.07
Greer, 1.5 mi. n. of, at s. e. cor. of rd. + ing; **iron post** stamped "907 Ohio"..	**907.108**
Greer, 2.5 mi. n. of, at s. w. cor. of support of semaphore; top of bolt.....	901.20
Greer, 3 mi. n. of, at s. end of w. guard rail (wood) of brg. 28; top of bolt..	907.34
Greer, 4 mi. n. of; top of upper end of cast-iron pipe culv. 3 ft. in diameter	909.21
Greer, 5.5 mi. n. of, at s. end of e. guard rail (wood) of brg. 29; top of bolt.	919.06
Spellacy, 40 ft. e. of track; **iron post** stamped "918 Ohio".....	**918.177**
Spellacy, 1 mi. w. of, top of lower end of vitrified pipe culv. 9 in. in diam..	923.63
Spellacy, 2 mi. w. of, on culv. 30, near rd. + ing; top of masonry at e. end of s. abut., marked "B. M." with chisel.....	930.52
Loudonville, 1.7 mi. s. w. of, at rd. + ing, s. e. end of culv.; top of parapet...	932.89
Loudonville, 0.9 mi. s. w. of, top of upper end of 9 in. vitrified pipe culv....	945.11
Loudonville, s. w. cor. of semaphore support 0.5 mi. n. of sta.; top of bolt..	952.05
Loudonville, at stone brg. 139, n. w. cor. of first step below parapet of e. abut.	956.78
Loudonville, 125 ft. s. e. of intersection of Market and Main Sts., in city park; **iron post** stamped "Prim. Trav. Sta. Ohio—1907—978".....	**977.121**
Loudonville, 0.5 mi. e. of, top of n. w. cor. of stone box culv.; chiseled sq...	972.02

Killbuck n. along ry. to Shreve

Killbuck, 2.5 mi. n. w. of, 7 ft. e. of cen. of road, in cen. on large sandstone rock; chiseled square with cross, painted "882.4".....	882.43
Killbuck, 2.9 mi. n. w. of, 1.1 mi. s. of Welcome, on Killbuck-Shreve rd., at s. w. cor. of +rds.; **iron post** stamped "920".....	**920.071**
Welcome, cen. of town, 15 ft. e. of +rds., on n. w. cor. of bridge abutment; chiseled square, painted "930.5".....	930.45
Welcome, 0.9 mi. n. of, at guidepost marked "Paint Valley 2½ mi., Shreve 9 mi., Welcome 1 mi.," at n. w. cor. of T road; **iron post** stamped "1001"....	**1000.833**
Welcome, 2.1 mi. n. of, in cen. of T rd., cornerstone; chiseled sq. painted "1102"	1101.98
Welcome, 2.4 mi. n. of, at s. w. cor. of +rds.; painted spot on top of rock, "1064.8"	1064.76
Welcome, 3.2 mi. n. of; chiseled sq. on s. abut., w. side of brg. over Paint Creek	970.89
Shreve, 6.5 mi. s. of, at n. w. cor. of T rd. n.; **iron post** stamped "1029".	**1028.521**
Shreve, 5.7 mi. s. of, 25 ft. s. e. of Hopewell Church, opposite cemetery, in n. w. cor. of +rds.; paint spot in cen. of concrete corner stone.....	1175.70
Shreve, 4.0 mi. s. of, n. w. cor. of T rd. at guidepost; **iron post** stamped "Prim. Trav. Sta. No. 23—1187".....	**1187.003**
Shreve, 3.4 mi. s. of, n. w. cor. of +rds. at guidepost; **iron post** stamped "1139"	**1138.697**
Shreve, 1 mi. s. of, n. w. cor. of T rd. n., on rock; chiseled square	918.4
Shreve, under ticket-office window; s. e. cor. of water table.....	917.06

Killbuck w. along railroad to point 2 mi. s. w. of Glenmont

Killbuck, 1.2 mi. w. of, on coping of stone culv. under ry. at + ing; chiseled sq.	807.12
Killbuck, 1.9 mi. w. of, first drift bolt head n. end e. side of brg. No. 66, C. A. & C. Ry.	815.43
Killbuck, 3.1 mi. w. of, on C. A. & C. Ry., 60 ft. s. of milepost marked "C 74 H 70," on n. e. cor. of stone culv. under railroad; chiseled square.....	825.49
Glenmont, 2 mi. e. of, 30 ft. s. of ry., 25 ft. w. of wagon rd., 1000 ft. e. of milepost marked "C 73 H 71;" **iron post** stamped "836".....	**835.748**
Glenmont, 1 mi. e. of, 15 ft. n. e. of ry. at quarry switch; highest point on rock	851.81

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	Feet
Glenmont, 40 ft. n. of cen. of main track, in n. e. cor. of grass plot; **iron post** stamped "Prim. Trav. Sta. No. 17—868"	**868.268**
Glenmont, 0.3 mi. w. of, 55 ft. e. of ry. +ing; drift bolt head on s. e. cor. of brg. over private driveway	881.34
Glenmont, 2.5 mi. w. of, 25 ft. n. of ry., at private crossing 200 ft. s. of T rd. n., on sandstone rock; chiseled square	988.09
Glenmont south along highway toward Warsaw	
Glenmont, 0.6 mi. s. of, w. of rd. on top of hill, on large stone at gatepost; chiseled square	1192.47
Loudonville n. along highway to near Hayesville	
Loudonville, 1,000 ft. e. of sta., at overhead rd. +ing, at w. end of bent n. of track; s. e. corner of stone foundation	977.59
Loudonville, 0.9 mi. n. of, on e. side of rd., on w. end of concrete retainer at s. end of tile; chiseled square	1062.23
Loudonville, 2 mi. n. of, on s. w. side of concrete culv. under rd.; chiseled sq.	1048.51
Loudonville 3.1 mi. n. of, at s. w. cor. of +rd.; **iron post** stamped "1037"	**1036.640**
McKay, 1 mi. s. of, 500 ft. s. of T rd. e., on n. abut. e. side of iron brg.; chiseled sq.	1089.82
McKay, 0.3 mi. n. of, 400 feet s. of T road w., on retaining wall of bridge, at n. end e. side; chiseled square	1161.27
McKay, 1.2 mi. n. of, at s. e. cor. of +rds., 600 ft. s. e. of W. H. Stauffer's residence; **iron post**	**1291.115**
Hayesville, 3 miles s. e. of, in n. end of box culvert under approach to large barn on e. side of public road at Y road; copper B. M. nail	1247.06
Near McKay e. on road to Funk, thence s. to Big Prairie	
Mohicanville, 1.6 mi. w. of, in cen. of +rds., on cor. stone rock; highest pt.	1304.91
Mohicanville, 0.7 mi. w. of, on large rock on s. end of culv. under wagon rd. at Y road; chiseled square	1275.34
Mohicanville, at s. w. cor. of +rds, 75 ft. n. of hotel; **iron post** stamped "1091"	**1090.787**
Mohicanville, 1 mi. n. e. of, 125 ft. w. of ridge schoolhouse, 75 ft s. of T rd., on large granite rock on w. side of road; chiseled square	1247.02
Mohicanville, 1.6 mi. e. of, on n. side of rd., on large granite rock; chiseled sq.	1224.07
Lake Fork, 12 ft. s. of s. w. cor. of general store, on large stone near n. e. cor. of +roads; chiseled square	1021.13
Funk, at n. w. cor. of +roads; **iron post** stamped "982"	**981.859**
Funk, 0.9 mi. s. e. of, on n. end e. side of small trestle; first drift bolt head	948.51
Funk, 2.1 mi. s. e. of, in top of stringer at n. w. cor. of small trestle; spike	948.74
Forest, (flag stop), 600 ft. s. w. of, on e. side of public rd., 300 ft. n. of T rd. e.; **iron post** stamped "956"	**955.464**
Craigton, (flag sta.), 6 ft. w. of ry., on n. end of tile on w. side of ry. +ing; highest point	957.39
Craigton, 1.4 mi. s. of, under ry. at +ing; n. end of tile culv	958.99
Craigton, 2.4 mi. s. of, 30 ft. e. of ry., on n. end of T rail at n. w. cor. of iron bridge; highest point	956.82
Custaloga, at station; top of n. rail	970.5
Custaloga, 1000 ft. e. of, arch brg.; n. w. cor. of top step of e. wall of arch.	967.90
Big Prairie, 0.5 mi. e. of, on s. side of railroad at crossing; w. end of tile	956.47

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	Feet
Big Prairie, in cen. of sidewalk 1 in. below surface, 7 ft. n. w. of s. w. cor. of Monitor Bank Bldg.; **iron post**	**952.715**

Lynn Quadrangle

On east border of quadrangle

Union City, 4.5 mi. s. by 3 mi. e. of, at n. e. cor. of T rd. to n., 300 ft .w. of T rd. to s., in s. face of s. w. cor. of brick schoolh.; **aluminum tablet** stamped "1077 ADJ 1905"	**1076.650**
Elroy, 2.5 mi. n. w. of, 1.5 mi. n. by 3 mi. e. of Union City, in stone of door sill to Thomas schoolh.; **aluminum tablet** stamped "1050 ADJ 1905"	**1050.246**

Point 3.9 mi. n. of Union City s. near Ohio-Indiana line to Nashville

Union City, 3 mi. n. of, just s. of + rds., at blacksmith shop, in n. e. cor. of abut. of brg.; **aluminum tablet** stpd. "Prim. Trav. Sta. No. 42—Ohio—1051"	**1051.077**
Union City, 2 mi. n. of, on Ohio-Indiana State line, on s. abut. on w. side of small wooden bridge; chiseled square	1065.30
Union City, 1.86 mi. n. of, on Ohio-Indiana State line, 60 ft. s. by 15 ft. w. of s. e. cor. of +rds., in cen. of e. parapet to concrete bridge; chiseled square	1072.53
Union City, 0.47 mile n. of, on Ohio-Indiana State line, at Y road forks, at extreme n. e. cor. of sidewalk, on e. side of rd.; chiseled square	1091.88
Union City, in s. w. cor. of public schoolh. yard; **iron post** stamped "1105 Ohio"	**1105.112**
Union City, on e. side of S. State Line St., on curb at fire hydrant; chis. sq.	1098.69
Union City, 1.28 mi. s. of, on Ohio-Indiana State line, on s. w. cor. of lane leading to Led Stack's res., on large granite boulder; chiseled square	1079.77
Union City, 2.06 mi. s. of, on Ohio-Indiana State line, 450 ft. s. of G. A. Strait's res., on wing wall at n. w. cor. of bridge; chiseled square	1088.73
Union City, 3.11 mi. s. of, on Ohio-Indiana line, 1000 ft. s. of C. Welch's res., at s. w. cor. of T rd. w., on s. end of steel flue used for culv.; highest point	1103.12
Union City, 3.6 mi. s. of, Ohio-Indiana State line, n. e. cor. of +roads; **iron post** stamped "Prim. Trav. Sta. No. 41—Ohio 1110"	**1110.403**
Union City, 4.7 mi. s. of, on Ohio-Indiana State line, in cen. of w. concrete header to tile culv. under road; chiseled square	1112.23
Union City, 5.6 mi. s. of, on Ohio-Indiana State line, 3 ft. n. of cor. fence post, at the s. e. cor. of T rd. e., on large rock level with ground; chiseled sq.	1125.42
Union City, 6.6 mi. s. of, on found'n on e. side of concrete post said to be on Ohio-Indiana State line; chiseled square	1138.04
Nashville, 3.5 mi. w. of, 450 ft. n. of O. Bass' res., on w. side of road, 2 feet e. of fence, on large flat rock; chiseled square	1152.42
Nashville, 3 mi. w. of, 1 mi. n. of Long, about 0.5 mi. e. of Ohio-Indiana line, at s. e. cor. of T road s.; **iron post** stamped "1152 Ohio"	**1151.610**
Nashville, 2 mi. w. of, in s. e. corner of schoolh. yd., on large granite rock; chiseled square	1152.28
Nashville, 1 mi. w. of, at n. w. cor. of lane leading to John Tharp's res., on large granite rock; chiseled square	1134.18

Point 1 mi. n. of Long s. near Ohio-Indiana State line to Glenkarn

Long, 0.5 mi. e. of Ohio-Indiana State line, in s. w. cor. of A. M. E. Church yard, 10 ft. e. of cor. fence post, on fence line, on large flat rock; chiseled sq.	1172.88

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Long, 1 mi. s. of, 0.5 mi. e. of State line in cen. of +rds., on rock; chiseled sq.	1183.70
Tampico, at n. w. cor. of +rds., 5 ft. e. of cor. fence post, on large black rock level with ground; chiseled square	1164.95
Glenkarn, 1.82 mi. n. of, at s. w. cor. of T rd. w., on s. end of iron drain pipe; highest point	1172.18

Clark station (Noggle P. O.) w. to Glenkarn

Clark sta., 0.4 mi. n. by 1.7 mi. w. of, at e. end of driveway into brick schoolh. opp. lane to Luther Oler's res., 12 ft. n. of fence, on rock; chiseled sq.	1181.12
Clark sta., 0.4 mi. n. by 2.5 mi. w. of, 400 ft. e. of lane leading to T. S. Trimble's res. on n. end of stone box culvert; chiseled square	1177.60
Glenkarn, 0.9 mi. n. e. of, at n. w. cor. of +rds., in base of tel. pole; rail spike	1163.61
Glenkarn, 0.7 mi. n. of sta., 0.8 mi. e. of Ohio-Indiana line, 20 ft. s. and 20 ft. w. to cen. of +roads, in s. w. cor. of schoolh. yard; **iron post** stamped "Prim. Trav. Sta. No. 40—Ohio—1910—1160"	**1160.360**
Glenkarn, 100 ft. n. of Big Four Ry. on s. e. cor. of concrete sidewalk, at the s. w. cor. of W. H. Chenoweth's res.; chiseled square	1152.18

Macksburg Quadrangle

Fay north along highway to Sycamore Valley

	Feet
Fifteen postoffice, in n. face of found'n of postoffice and store building; **bronze tablet** stamped "704 Stbnvl"	**703.367**
Law triangulation sta., 1 mi. s. of Masterton postoffice, in sandstone monument on top of hill; **bronze tablet** stamped "1180 Stbnvl"	**1179.679**
Sycamore Valley, 1 mi. w. of, at s. e. cor. of Creighton Church, in top found'n stone, 1.5 ft. above ground; **bronze tablet** stamped "1137 Stbnvl"	**1136.236**

Stanleyville n. and n. w. along C. & M. Ry. to Dudley

Stanleyville, 3.1 mi. n. of, 370 ft. e. of railroad track, n. of public highway, in face of ledge of rock; **bronze tablet** stamped "677 Grafton 1902"	**676.740**
Whipple, at n. w. cor. of Smith Bros. General Store; in top of cement sidewalk, **bronze tablet** stamped "639 Columbus"	**638.601**
Whipple, 2 mi. n. of, on top of railroad bench mark at milespost 16; cross	634.66
Whipple, 3 mi. n. of, on railroad bench mark at milepost 17	643.14
Warner, 100 ft. w. of sta., at s. e. cor. of general store of J. D. Smith, on e. side of brick found'n, 2 ft. above ground; **aluminum tablet** stamped "679 Columbus"	**678.921**
Warner, 1.36 mi. n. of, at milepost 19, on railroad bench mark	647.86
Warner, 3 mi. n. of, at milepost 20, on railroad bench mark	649.06
Warner 4 mi. n. of, at milepost 21, on railroad bench mark	658.62
Elba, high truss iron brdg. over West Fork Duck Creek, at s. w. cor. of, in top of abut.; **bronze tablet** stamped "664 Columbus"	**663.508**
Elba, 1 mi. n. of, railroad bench mark on milepost 22	655.06
Elba, 2 mi. n. of, railroad bench mark on milepost 23	667.12
Coffey Hill triangulation sta., 90 ft. in direct line from dwelling of J. O. Coffey, in sq. top of 6 by 6 sandstone; **bronze tablet** stamped "1141 Columbus"	**1140.930**
Macksburg, Longfellow Hotel, at s. w. cor. on w. side, in face of brick support to porch; **aluminum tablet** stamped "680 Columbus"	**679.505**
Macksburg, 2 mi. n. of, at milepost 27, at railroad bench mark	678.85

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	Feet
Dexter City, Valley Hotel, at s. e. cor. of, in face, s. side, in found'n wall; **aluminum tablet** stamped "691 Columbus"	**690.685**
Dexter City, 1.25 mi. n. of, rd. +ing of Cleveland and Marietta Ry., iron brdg. over West Fork Duck Creek, s. w. cor. of, in top of abut. wall; + cut	684.02
South Olive, at cor. of North Street and Center Avenue, property stone at s. w. cor. of Wm. Kirkbrid's, in top of; **bronze tablet** stamped "694 Columbus"	**693.500**
South Olive, 1.25 mi. n. of, at milepost 30, on railroad bench mark	695.02

Caldwell s. e. to Ashton, thence n. e. via Jerles to Lewisville and return to Jerles, thence s. to Creighton Church

Ashton, at n. w. cor. of wood truss brg. over Middle Fork Duck Creek, in found'n wall, in top of sandstone; **bronze tablet** stamped "785 Columbus"	**784.077**
Fulda, at w. entrance of German Catholic Church, in top of n. e. cor. of sandstone doorsill; **aluminum tablet** stamped "1171 Columbus"	**1170.004**
Bern, (Carlisle) at n. e. cor. high truss iron brdg. over East Fork Duck Creek; **bronze tablet** stamped "747 Columbus"	**746.448**
Bern, 2 mi. e. of, s. e. cor. of iron truss brdg. over Elk Fork, at rd. s.; + cut in top of abutment stone	804.52
Jerles, near s. w. cor. sec. 16, in face of found'n wall, on w. side at n. w. cor. of T. F. Jerles dwelling house; **bronze tablet** stamped "1096 Columbus"	**1095.146**
Stafford, at s. e. cor. of Main and Marietta Streets, in found'n stone of J. K. Robinson's dry goods store, in face; **aluminum tablet** stamped "1081 Columbus"	**1080.398**

Warner along pike n. e. via Harriettsville to Stafford

Lower Salem, Valley Hotel, second window from e. end, in top of sandstone sill; **aluminum tablet** stamped "654 Columbus"	**653.359**
Lower Salem, 2.5 mi. n. e. of, at +rds., at n. w. cor. of iron brg. over East Fork of Duck Creek, in s. w. cor. of abut. stone; cross cut	654.42
Kilmer, s. w. cor. stone of cov. brg. over East Fork of Duck Creek, in top of abut.; **bronze tablet** stamped "661 Columbus"	**660.207**
Lower Salem, 4.75 mi. n. e. of, at T rd. n., at s. e. cor. of cov. brg., s. end, in top of abut. stone; cross cut	658.51
Lower Salem, 6.5 mi. n. e. of; at T rd. n., s. side of cov. brg. over Middle Fork of Duck Creek, in top stone of e. approach; cross	663.59
Harriettsville, at cor. of Front and Church Streets, n. w. cor. of H. A. Warnecker's store, in face of found'n wall, on n. side; **aluminum tablet** stpd. "672 Columbus"	**671.436**
Harriettsville, 2.5 mi. n. e. of, at T rd. n. e., cov. brg. over East Fork of Duck Creek, at s. e. cor. of, on abut. stone; **cross cut**	**690.041**
Harriettsville, 4.5 mi. n. e. of, at junc. of rd. fork, cov. brg. over East Fork of Duck Creek, at s. e. cor., in face of third stone from top of found'n wall; **bronze tablet** stamped "694 Columbus"	**693.149**
Flag postoffice, 6 mi. n. e. of Harrietsville, at n. w. cor. of wood truss brg. over Flag Run, in top of abut. stone; **bronze tablet** stamped "720 Columbus"	**719.789**

Harrietsville n. along highway via Elk postoffice to Bern

Elk postoffice, on s. side, in s. w. cor. of postoffice building, in face of top of found'n stone; **bronze tablet** stamped "708 Columbus"	**707.462**

Ashton along highway s. e. to Harriettsville

Middlecreek, s. side of s. w. cor. of brick hotel of E. E. Lee, in top of first found'n stone; **bronze tablet** stamped "713 Columbus"	**711.960**

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Near Dye P. O.

Dye P. O., 0.3 mi. n. of, on rock in bed of old road, on e. side of road; chiseled square marked "U. S. B. M. 1127"	*Feet* 1126.48

Marengo Quadrangle

Delaware e. along Bowtown road 4 mi., returning by Delaware and Sunbury road

Delaware, 4.5 mi. e. of, on Sunbury road n. side of e. abut. of steel culv. brg.; **bronze tablet** stamped "897 C"	**898.020**

Delaware n. e. by Leonardsburg to Ashley

Leonardsburg, on stone steps of warehouse; **bronze tablet** stamped "971 C"	**982.506**

Point 3 mi. n. of Penlan s. and w. along Marengo (portion of line)

Penlan, 3.8 mi. n. of, at w. end of T rd.; spike in teleph. pole, marked "1178.3"	1176.98
Penlan, 2.7 mi. n. of, at s. e. cor. of +rds.; **iron post** stamped "1217"	**1217.099**
Marengo, 2.5 mi. e. by 0.8 mi. n. of, at n. e. cor. of T rd.; spike in fence post, marked "1243.1"	1241.74
Marengo, 1.2 mi. e. by 0.8 mi. n. of, at n. w. cor. of +roads; spike in teleph. pole, marked "1172.5"	1171.09

Point 3 mi. n. of Fulton s. along T. & O. C. Ry. to Peerless, thence s. along highways to 2 mi. n. of Condit

Fulton, 2 mi. n. by 0.8 mi. w. of, at s. e. cor. of rd. +ing; **iron post** stamped "1090 Ohio"	**1088.457**
Fulton, 1.3 mi. n. by 0.25 mi. w. of, at n. w. cor. of rd. +ing; spike in teleph. pole, marked "1111.7"	1110.23
Fulton, s. e. cor. of rd. +ing, 40 ft. n. of sta.; top of curbstone, marked "1113.0"	1111.53
Fulton, 1 mi. s. by 0.25 mi. e. of, n. e. cor. of rd. +ing; **iron post** "1103 Ohio"	**1102.027**
Marengo, 1.8 mi. n. by 0.25 mi. w. of, at n. w. corner of rd. +ing; spike in telephone pole, marked "1141.4"	1139.99
Marengo, 1 mi. n. of, at railroad +ing, at s. w. cor. of; spike in post of cattle guard, marked "1139.9"	1138.52
Marengo, 100 ft. s. of station; **iron post** stamped "1125 Ohio"	**1123.129**
Marengo, 0.8 mi. s. by 0.8 mi. e. of, at s. w. cor. of rd. +ing; spike in cattle guard, marked "1150.6"	1149.15
Marengo, 1.5 mi. s. by 1.5 mi. e. of, at s. e. cor. of rd. +ing; **iron post** stamped "1173 Ohio"	**1171.926**
Peerless, 0.5 mi. n. by 0.5 mi. w. of, at s. w. cor. of rd. +ing; spike in teleph. pole, marked "1177.0"	1175.57
Peerless, 0.5 mi. s. by 0.5 mi. e. of, at s. w. cor. of rd. +ing; **iron post** stamped "1195 Ohio"	**1193.539**
Peerless, 2 mi. s. by 0.5 mi. e. of, at s. e. cor. of +roads; spike in telephone pole, marked "1166.7"	1165.18
Peerless, 2.8 mi. s. by 0.5 mi. e. of, at n. e. cor. of T rd.; spike in fence post, marked "1155.6"	1154.12
Peerless, 2.8 mi. s. of, at s. w. cor. of +rds.; spike in fence post, marked "1133.1"	1131.59
Condit, 2 mi. n. by 0.5 mi. e. of, at s. w. cor. of T rd.; **iron post** stpd. "1124 Ohio"	**1122.717**
Condit, 2 mi. n. of, at s. w. cor. of +rds.; spike in fence post, marked "1090.6"	1089.07

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Sunbury n. and n. e. along highways to Peerless

Sunbury, 1.5 mi. n. of, at s. e. cor. of T rd.; spike in fence post, marked "982.2"	980.56
Sunbury, 2.5 mi. n. of, at w. end of T rd.; **iron post** stamped "1027 Ohio"....	**1025.522**
Sunbury, 3.5 mi. n. of, at n. e. cor. of T rd.; spike in fence post, marked "1022.8"	1021.30
Olive Green, 0.8 mi. w. by 0.8 mi. s. of, at n. w. cor. of +rds.; spike in fence post, marked "1032.2".....	1030.68
Olive Green, 0.5 mi. w. of, s. w. cor. of +rds.; spike in fence post, marked "1038.6"	1037.13
Olive Green, at n. w. cor. of +roads; **iron post** stamped "1110 Ohio".... ...	**1108.768**
East Liberty, at n. e. cor. of +roads; spike in fence post, marked "1096.3"	1094.83
East Liberty, 1 mi. n. by 1 mi. e. of, at n. e. cor. of +roads; point on root of tree, marked "1141.4".....	1139.91
East Liberty, 2 mi. e. by 2 mi. n. of, at s. w. cor. of T rd.; spike in root of maple tree, marked "1162.0".....	1160.50

Point 4 mi. w. of Cardington s. along highway to Leonardsburg

Cardington, 4 mi. w. of, n. w. cor. of +rds., n. w. cor. of culv., marked "987.445"	987.05
Cardington, 4 mi. w. by 1 mi. s. of, at s. w. cor. of T road; **iron post** stamped "979 Ohio".....	**978.669**
Westfield, 3 mi. n. by 1 mi. e. of, at s. w. cor. of +roads; spike in telephone pole, marked "974.520".....	974.11
Westfield, 3 mi. n. of, at n. w. cor. of culv.; top of stone abut. mkd. "983.490"	983.07
Westfield, 2.5 mi. n. by 0.5 mi. w. of, at n. w. cor. of culv.; top of stone abut. marked "977.948".....	977.52
Westfield, 2 mi. n. by 0.5 mi. w. of, at n. e. cor. of +roads; spike in teleph. pole, marked "977.254".....	976.81
Westfield, 1 mi. n. by 0.5 mi. w. of, at s. w. cor. of culv.; top of stone abut., marked "965.652".....	965.20
Westfield, 0.5 mi. w. of, at s. w. corner of T road; spike in root of ash tree, marked "950.001".....	949.54
Westfield, opposite town hall; **iron post** stamped "962 Ohio"....	**961.797**
Westfield, 1 mi. e. by 0.25 mi. s. of, at s. e. cor. of T rd.; spike in telephone pole, marked "987.217".....	986.74
Ashley, 1 mi. n. by 0.5 mi. e. of, at n. w. cor. of railroad +ing; spike in telephone pole, marked "977.455".....	976.97
Ashley, 300 ft. n. of sta., 5 ft. w. of track center; on curbstone, mkd. "987.032"	986.53
Ashley, 1 mi. s. by 0.5 mile w. of, at s. w. cor. of +roads; **iron post** stamped "977 Ohio".....	**976.575**
Leonardsburg, 2.5 mi. n. by 1 mi. e. of, at s. e. corner of rd. +ing; spike in telephone pole, marked "968.816".....	968.30
Leonardsburg, 1.5 mi. n. by 0.5 mi. e. of, at n. e. cor. of road +ing; spike in telephone pole, marked "967.690".....	967.18

Point 0.5 mi. w. of Olive Green w. via roads to Leonardsburg

Olive Green, 2 mi. w. of, at n. w. cor. of +rds.; spike in fence post, marked "998.004".....	996.52
Olive Green, 3 mi. w. of; **iron post** stamped "981 Ohio".....	**979.034**
Kilbourne, 2 mi. e. of, at n. w. cor. of +roads; top of flagstone at n. w. cor. of culvert, marked "973.908".....	972.46

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Kilbourne, 1.2 mi. e. of, n. w. cor. of +rds.; spike in fence post, mkd."969.519"	968.08
Kilbourne, at s. e. cor. of +roads; **iron post** stamped "918 Ohio"	**916.305**
Kilbourne, 1 mi. n. by 0.5 mi. w. of, at n. w. cor. of +rds.; spike in telephone pole, marked "964.047"	962.64
Leonardsburg, 1 mi. e. of, s. end of T rd.; spike in teleph. pole, mkd. "972.399"	971.00

Marengo west along highways to Ashley

Marengo, 1 mi. w. of, at s. e. cor. of brg.; top of w. end of wing, marked "1088.705"	1088.27
Marengo, 1.8 mi. w. of, at n. w. cor. of concrete culv., marked "1061.206"	1060.77
Marengo, 2.5 mi. w. of, at w. end of T rd., n. end of culv., marked "1049.624"	1049.19
South Woodbury, 1 mi. s. by 0.25 mi. w. of, at n. e. cor. of +roads; **iron post** stamped "1019 Ohio"	**1018.741**
South Woodbury, 1 mi. s. by 1.8 mi. w. of, at n. end of stone culv., w. end of top layer, marked "1002.706"	1002.27
Ashley, 2.5 mi. e. of, top of n. e. stone pier of brg. over ditch, marked "984.423"	983.98
Ashley, 1.5 mi. e. of, **iron post** stamped "987 Ohio"	**986.918**
Ashley, top of w. end of s. e. wing of brg. over Williams Ditch, marked "965.060"	964.62

Point near Ashley n. along highway and C. C. C. & St. L. Ry. to Cardington

Ashley, 1.8 mi. n. by 0.8 mi. e. of, 10 ft. w. of track cen.; top of stone monument, marked "988.723"	988.25
Ashley, 2.8 mi. n. by 1 mi. e. of, 10 ft. w. of track cen.; top of stone monument, marked "987.237"	986.78
Cardington, 3.5 mi. s. by 1.5 mi. w. of, at n. e. cor. of rd. +ing; **iron post** stamped "991 Ohio"	**990.412**
Cardington, 2.25 mi. s. by 1 mi. w. of, at s. e. cor. of +roads; spike in teleph. pole, marked "996.554"	996.12
Cardington, 1.5 mi. s. by 0.5 mi. w. of, at s. e. cor. of rd. +ing; spike in teleph. pole, marked "1000.697"	1000.28
Cardington, 0.8 mi. s. by 0.25 mi. w. of, at e. end of masonry culv. 231; top of keystone, marked "1004.421"	1004.01

Cardington w. along highway 1.4 miles

Cardington, 0.8 mi. w. of, n. e. cor. of Y rd.; spike in tel. pole, marked "998.834"	998.45
Cardington, 1.25 mi. w. of, at s. w. cor. of masonry culv., 3 ft. from end; chiseled cross marked "982.525"	982.14

Near Condit

Condit, 1.2 mi. n. e. of; chiseled sq. on n. abut. of stone culv. 100, on w. side of railroad, painted "1112.8"	1112.59
Condit, 0.6 mi. n. e. of, 40 ft. s. e. of rd. +ing; spike in base of teleg. pole, painted "1102.5"	1102.33
Condit, at s. e. cor. of rd. +ing; **iron post** stamped "1087 Ohio"	**1085.460**
Condit, 1 mi. s. w. of, 300 ft. w. of milepost C-24, at n. e. cor. of concrete culv.; top of parapet, marked "1071.2"	1069.64
Condit, 2 mi. s. w. of, 100 ft. e. of milepost C-23; spike in fence post, marked "1060.3"	1058.72

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Marietta Quadrangle

Willow Island, W. Va., n. e. via Newport to Bevan, thence n. w. via Fay to 3 mi. n. of Stanleyville, thence s. along C. & M. Ry. to Marietta and Williamstown

	Feet
Willow Island, 2.0 mi. n. e. of, on rock s. side of road; chiseled sq. marked "U. S. B. M. 609" white paint	618.68
Willow Island, 4 mi. n. e. of, 2.2 mi. s. w. of Newport, on s. e. pier of highway bridge over Newell Run; chiseled square	606.49
Willow Island, 5.0 mi. n. e. of, on n. end of culv. abut., n. of road; chiseled square marked "U. S. B. M. 611"	610.37
Bevan, 2.0 mi. n. w. of, in root of large white oak tree, w. of road; copper B. M. nail marked "U. S. B. M. 1095"	1094.32
Bevan P. O., 4.0 mi. n. w. of, on rock on w. side of road; chiseled square	765.08
Bevan P. O., 5.0 mi. n. w. of, on rock on e. of road; chiseled square	697.10
Fay, 2.5 mi. s. of Steel Run postoffice, s. w. abut. of Bear Run bridge, on coping stone; **aluminum tablet** stamped "641 Grafton 1902"	**640.197**
Dye, 4 mi. s. e. of, 1.0 mi. s. of Bear Run, on rock, e. of road; chiseled square	633.66
Dye, 3 mi. s. e. of, at forks of road, on s. found. of small brg.; chiseled sq.	642.03
Dye, 2 mi. s. e. of, on large rock, n. of road; chiseled sq. marked "U. S. B M. 698" white paint	697.44
Dye, 1 mi. s. e. of, on rock n. of rd.; chiseled sq. marked "U. S. B. M. 833" white paint	832.13
Stanleyville, opposite P. O., on n. e. end of n. pier of cov. brg. over Duck Creek, rd. +ing at ry. sta.; chiseled sq. marked "B. M."	617.64
Stanleyville, 1.0 mi. s. e. of, on s. w. abut. of brg. over Sugar Run, on bolt; B. M. marked "U. S. B. M. 618"	616.26
Stanleyville, 2.0 mi. s. e. of, on rock, e. of track; chiseled sq. marked "B. M."	613.11
Caywood station, 3.0 mi. s. w. of, on rock on e. of rd; chiseled sq. marked "U. S. B. M. 660"	658.32
Marietta, 3.0 mi. n. e. of, on rock, w. of track, near freight sta.; chiseled sq. marked "U. S. B. M. 610"	609.33
Marietta, 2 mi. n. e. of, on rock, w. of track, e. edge of public highway; chisel circle marked "U. S. B. M. 632"	631.14
Willow Farm s. along B. & O. Ry. to Marietta	
Rainbow Creek, 2 mi. e. of, on n. abut. of small culv.; chisel sq. marked "B.M"	611.18
Willow Farm station, 1 mi. s. of, on rd. e. of track; chisel sq. marked "B.M"	624.02
Willow Farm station, 2 mi. s. of, on rock w. of track; chisel mark, marked "U. S. B. M. 628"	628.23
Devol station, 0.7 mi. s. e. of, on ledge of rock w. of track; chisel sq. marked "U. S. B. M. 623"	623.07
Devol sta., 1.7 mi. s. e. of, on rock w. of trk.; chisel sq. marked "U. S. B. M.622"	622.86
Marietta, 1 mi. n. w. of, on rock e. of track; chisel sq. marked "U. S. B. M. 632" in white paint	632.35
Marietta s. w. along B. & O. Ry. 3 miles	
Marietta, courth., opposite P. O., s. e. cor. in sill; **aluminum tablet** stamped "616 Grafton 1902"	**615.730**

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Marietta, 1 mi. s. w. of, rock w. of track; chisel sq. marked "U. S. B. M.622"	621.51
Marietta, 2 mi. s.w. of, n. e. found'n of bldg. on w. track; chisel sq. mkd. "B.M."	628.99
Marietta, 3 mi. s. w. of, on boulder, w. of track; chisel sq. marked "B.M. 655"	654.42

On Ohio River shore (Army Engineers' precise line)

Marietta, n. w. cor. of Putnam and 3rd Sts., Army Engineers' U. S. B. M. 171-E, 16 ft. n. e. of n. e. line of Third St., on stone found'n of City Building; seat **cut**, Elev. 617.369	**616.905**
Marietta, mouth of Muskingum River, Army Engineers' U. S. B. M. 171-B, on n. cor. of top of n. or land **wall** of lock; on upstream end, Elev., 591.781	**591.317**
Marietta, on W. Va. shore, 2 mi. below, Army Engineers' U. S. B. M. 173-A, O. R. Ry. brg. No. 832 over Big Run; n. cor., **top stone**, e. abut., Elev., 608.503.	**608.038**

Marion Quadrangle

Waldo along highway n. to Monnett

Olentangy River, iron brg. over, e. end of n. abut. on brg. seat; chisel mark	945.64
Marion, 5 mi. s. e. of, small iron brg. over creek, e. end of s. abut., in bridge seat; **bronze tablet** stamped "963 Col"	**963.743**
Rigleys school, front door sill; chiseled square	981.70
Marion, 4 mi. e. of, 1.5 ft. e. of n. w. cor. of Baptist Church, in foundation; **bronze tablet** stamped "986 Col"	**986.700**
Marion. 5 mi. n. e. of, Claridon Tp., dist. No. 3, Bush school, in found'n 1 ft. s. of n. w. cor.; **bronze tablet** stamped "1000 Col"	**1001.009**
Kirkpatrick, at s. e. cor. of +rds.; spike in fence post marked "1008.2"	1008.24
Kenedy school, s. w. cor. of, on water table; chisel mark	1013.22
Kirkpatrick, Scott Tp. schoolhouse dist. 4, 1 foot n. of s. w. corner of stone water table; **aluminum tablet** stamped "1013 Col"	**1014.178**

Monnett w. by road to Morral, thence s. e. via H. V. Ry. to Marion

Monnett, +ing at station; top of w. rail	976.6
Monnett, 600 ft. w. of P. O.; brick school, 1 ft. e. of n. w. cor. in stone water-table; **bronze tablet** stamped "979 Columbus"	**979.959**
Little Scioto River, iron brg. over, e. abut. n. w. cor.; chisel mark	961.48
Brick school, Dallas Tp., District No. 3, n. e. cor. on watertable; chisel mark	961.82
Wyandot, 1.25 mi. s. w. of, opp. road running e., Dist. No. 2, brick schoolh., 1 ft. n. of s. e. cor.; **bronze tablet** stamped "971 Col"	**971.764**
Morral, 1 mi. e. of, brg. at road n., e. abut. n. w. corner; chisel mark	903.42
Morral, 1 ft. e. of n. w. cor. of schoolh.; **aluminum tablet** stamped "913 Col"	**913.767**
Morral station, road +ing at; top of w. rail	910.85
Morral 4.19 mi. s. e. of, brg. over highway, n. abut., s. e. cor. of bridge seat; **bronze tablet** stamped "930 Col" (destroyed)	**931.067**
Marion, 3 mi. n.w. of, iron brg. near rd.+ing, n. abut., s.w. cor. of brg. seat; sq.	921.55

Marion w. along Big Four Ry. to Bryan station thence along highway s. to Greencamp, thence e. to point n. of Waldo

Marion, Union station, 200 ft. n. of, 15 ft. e. of Hocking Valley Ry. track, in stone abutment; **bronze meridian tablet** (southmark) stamped "950 Col"	**951.404**

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Marion, courth., s. w. cor. of found'n cornerstone; **aluminum tablet** "985 Col"	**985.991**
Marion, 1.4 mi. w. of, e. abut., n. w. cor. of small iron bridge; square.....	917.51
Marion, 3 mi. w. of, bridge over Little Scioto, e. abut., n. w. cor.; chiseled sq.	913.92
Swail, Branch 4, iron bridge over, e. abutment, n. w. corner of; square.....	911.29
Bryan station, 650 feet s. of Big Four Railroad +ing, 1 ft. e. of s. w. cor. of brick schoolh.; **bronze tablet** stamped "914 Col.....	**914.892**
Greencamp, n. w. cor. brick schoolh.; **aluminum tablet** stamped "919 Col"	**920.371**
Greencamp, s. of, Little Scioto River, iron brg. over, e. abut. s. end of; sq...	908.89
Owen sta., H. V. Ry., brick house 300 ft. w. of rd. +ing; cen. of front door sill	952.80
Owen, 600 ft. e. of sta., brick schoolhouse, 1 ft. e. of s. w. cor.; **bronze tablet** stamped "953 Col".....	**954.146**
Waldo, 4.5 mi. n. w. of, on Marion rd., house of John Mantz, 1 ft. s. of s. e. cor. of; **aluminum tablet** stamped "985 Col"	**986.234**

Point 3 mi. s. w. of Claridon to point 5 mi. s. e. of Marion

Claridon, 2.8 mi. s. by 1 mi. w. of, at s. w. cor. of +roads; spike in telephone pole, marked "977.590".....	977.15
Claridon, 2.5 mi. s. by 2 mi. w. of; spike in teleph. pole, marked "973.132"..	972.66

Point 3 mi. w. of Greencamp to Greencamp

Greencamp, 2.1 mi. w. of, at T rd. n., on w. end of second step at Reform Church entrance; chiseled square	946.24
Greencamp, 0.9 mi. w. of, in forks of rd. on w. end of iron drain; highest pt.	932.72

Mason Quadrangle

Crestvue to Crescentville thence along highway to Loveland, thence to Hagerman

	Feet
Crescentville, 1.25 mi. s. of, iron brg. over Miami and Erie Canal, in second stone from top of n. w. abut.; chiseled square.....	593.68
Brecon, Bethel M. E. Church, in top stone step, near w. end of w. door; chiseled sq.....	872.31
Loveland, on stone window ledge of P.O.; **aluminum tablet** stamped "Ohio 583"	**583.272**
Loveland, bridge over Little Miami, in n. w. abut., 0.5 ft. from and 1.5 ft. below brg. floor, near n. e. cor. of coping stone; **bronze tablet** stamped "584 Cinn"	**583.953**
Loveland, on e. abut. of ry. brg. over Little Miami River; **chiseled square** marked "B M" (C. & G. S. B. M. R)	**581.882**
Loveland, 0.25 mi. w. of, 25 ft. e. of fork, s. of rd. at rd. n.; **sq. cut** in stone of culv.	**669.664**
Loveland, 3.5 mi. n. of, n. w. cor. of bridge No. 84, s. e. cor. of n. w. abut.; chiseled square.....	601.27
Foster, brg. No. 82, 100′ s. of rd. +ing at sta., n. w. abut., n. w. cor.; chiseled sq.	**599.713**
Camp Hagerman, 1.3 mi. s. of; iron drawbridge 300 ft. s. of rd. +ing, in stone of n. w. abut.; chiseled sq	661.53

Camp Hagerman along highway n. to Red Lion, thence w. to Excello

Red Lion, 2 mi. s. of, at +roads, 50 ft. s. of stream, in n. e. abut. of wooden bridge; chiseled sq.....	843.72
Blue Ball, sub-district schoolh. No. 8, in e. front found'n wall, 1.5 ft. from vestibule wall and 3 ft. above ground; **aluminum tablet** stamped "734 Cinn"	**734.078**

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Excello, on lock of Miami and Erie Canal, w. wall of tumble n. end; chiseled sq. 638.23

At Trenton

Trenton, schoolh., n. end of town, in s. wing of L in store, door sill, s. door, s. wall of s. wing, 3 ft. from ground; **aluminum tablet** stamped "673 Cinn" **672.718**

Hamilton e. along highway to Camp Hagerman

Hughes, schoolh. No. 4, in stone found'n, s. e. cor., 0.6 mi. from e. wall and 1.6 ft. above ground, in s. wall, **aluminum tablet** stamped "769 Cinn"..... **769.096**

Hughes south to Sharonville

West Chester, Union township schoolh., e. of town, district No. 3, in water-table of s. found'n. 3.5 ft. w. of vestibule wall to main entrance and 3.4 ft. above ground; **aluminum tablet** stamped "701 Cinn" **700.095**

Sharonville, public school district No. 2, in s. found'n wall, 0.6 ft. w. of sill to main entrance and 2.3 ft. above ground, under tower; **aluminum tablet** stamped "591 Cinn" **591.200**

Middletown s. w. via C. H. & D. Ry. to Busenbark (precise line)

Excello, on Miami & Erie Canal lock, w. wall of tumble, n. end, on end coping stone 6 in. from n. face and 11 in. from e. face; **chiseled square** (C. & G. S. B. M. W3)..... **638.232**

Trenton, 1 mi. n. e. of, C. H. & D. Ry. brg. over Elk Creek, on e. end of pier in cen. of nose, 18 in. back from pt.; **chiseled square** (C. & G. S. B. M. N3) **633.008**

Le Sourdsville, 328 ft. s. w. of, on line of C. H. & D. Ry., on n. retaining wall e. end of aqueduct over canal, opposite n. end of railway brg. over creek, on third stone from end, 16 in. from s. face and 8 in. from e. face; highest pt. in **square** lettered "U.S.C.&G.S." (C. & G. S. B. M. V3)..... **624.938**

Busenbark, 1 mi. s. of, 1.8 mi. n. e. of Overpeck, on line of C. H. & D. Ry., on arch culv. about 66 ft. s. of milepost C-31, on n. e. cor. of stone, about 6 in. from either face; **chiseled aquare** (C. & G. S. B. M. O3)..... **635.355**

Jones s. e. along C. H. & D. Ry. to Glendale (precise line)

Jones, 1.5 mi. n. of, on line of C. H. & D. Ry., 4.5 mi. s. e. of Hamilton, on viaduct brg. 11, n. abut., e. end, on 2nd step below bridge seat course, on s. e. cor. of stone, 6 in. from either face; **chiseled square** (C. & G. S. B. M. G4) **638.992**

Crestvue, 0.2 mi. s. of, C. H. & D. Ry., stone culv. over Carmins Creek, s. w. quar., on end coping stone, 10 in. e. of w. face and 5 in. n. of s. face; **chiseled square** (C. & G. S. B. M. H4)..... **646.878**

Glendale, 1 mi. s. of, C. H. & D. Ry., culv. 9, n. w. quarter, first step below bridge-seat course, 5 in. e. of w. face and 10 in. n. of s. face; **chiseled square** (C. & G. S. B. M. I4)..... **607.200**

Flockton s. e. along P. C. C. & St. L. Ry. to pt. s. of Crescentville (precise line)

Flockton, 1,000 ft. w. of, on culv. 34, w. abut., n. end; highest pt. in **square** 2½ in. on side (C. & G. S. B. M. Pennsylvania R. R. No. 23)..... **605.650**

Port Union, in culv. 32, n. abut., e. end; highest pt. in **square** 2.5 in. on side (C. & G. S. B. M. Pennsylvania R. R. No. 21) **596.090**

Port Union, 2 mi. s. of, on brg. 27 over cr., e. end of n. abut.; highest pt. in **square** 2.5 in. on side (C. & G. S. B. M. Pennsylvania R. R. No. 17)..... **573.704**

Crescentville, 1 mi. n. of, on culv. 30, n. abut., e. end; highest point in **square** 2.5 in. on side (C. & G. S. B. M. Pennsylvania R. R. No. 20) **589.408**

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	Feet
Crescentville, 0.5 mi. s. of, on ry. culv. 29, on n. abut., e. end; highest pt. in **square** 2.5 in. on side (C. & G. S. B. M. Pennsylvania R. R. No. 19)	579.163

Massillon Quadrangle

New Berlin 2.5 mi. s. of, s. w. along highway to Massillon

Massillon, City Park, n. w. cor. of, on stone; **bronze tablet** stamped "951 Canton"	950.275

Myersville s. w. and s. along highway via Nimisila Creek and Canal Fulton to Massillon

Nimisila, n. e. cor. of +roads, on s. wall surrounding Henry Dailey's house, in coping stone; **bronze tablet** stamped "1112 Canton"	1111.259
Canal Fulton, stone highway bridge over Tuscarawas River, in center of n. wall of; **bronze tablet** stamped "954 Canton 1901"	953.344

Massillon w. along highway to Dalton, thence n. to Burton City

Dalton, Central Hotel on Main St., on e. line of, 1 foot inside of curb line, on stone; **bronze tablet** stamped "1102 Canton"	1101.322

Burton City n. along highway via Marshallville to Easton, thence w. to Sterling

Marshallville, n. e. corner of crossroads at Union Hotel, set in brown stone post, **bronze tablet** stamped "1123 Canton"	1122.479
Easton, 400 ft. w. of B. & O. Ry., on road to Warwick, 400 ft. e. of its intersec. with rd. to Doylestown, in s. e. cor. of w. abut. of bridge; **bronze tablet** stamped "958 Canton"	957.783

Barberton s. w. to Clinton, thence n. w. to Easton (precise line)

Barberton, 0.8 mi. s. of, set in s. w. abut., n. side of brg. 18, C. A. & C. Ry.; **copper bolt** (B. & O. B. M. 445)	965.236
Barberton, 2.5 mi. s. w. of, 0.6 mi. s. of milepost H 22, in e. end of small culv.; **copper bolt** (B. & O. B. M. 446)	971.514
Turkeyfoot Junction, near, 300 ft. s. of milepost H 24, set in w. end of small C. A. & C. Ry. culv.; **copper bolt** (B. & O. B. M. 447)	968.526
Messenger, about 2 mi. n. e. of Warwick; n. e. cor. of s. pier of **water tank** (Pennsylvania R. R. B. M.)	960.428
Clinton, 0.25 mi. n. e. of, 0.8 mi. s. w. of Clinton coaling sta., in n. w. end of small C. A. & C. Ry. culv.; **copper bolt** (B. & O. B. M. 448)	945.687
Warwick, 0.25 mi. n. e. of, in s. e. cor. of small C. A. & C. Ry. culv.; **copper bolt** (B. & O. B. M. 449)	958.332
Warwick, 0.8 mi. n. w. of, in n. e. cor. of old part of culvert; **copper bolt** (B. & O. B. M. 450)	958.619
Warwick, about 1.5 mi. n. w. of, 500 ft. w. of milepost 59, on e. bound track, in w. end of n. coping of culvert; **copper bolt** (B. & O. B. M. 451)	947.379
Easton, 2.8 mi. s. e. of, 100 ft. e. of milepost 58, on e. bound track, set in w. end of n. coping of culv.; **copper bolt** (B. & O. B. M. 452)	948.009
Easton, 1.8 mi. s. e. of, opposite milepost 57; **section of rail** set vertically in ground (B. & O. B. M. 453)	954.326
Easton, 0.7 mi. s. e. of, opposite milepost 56; **section of rail** set vertically in ground (B. & O. B. M. 454)	958.992

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	Feet
Easton, 300 ft. n. w. of sta., in n. wing of wall of s. e. abut. of brg., on west-bound track; **copper bolt** (B. & O. B. M. 455)	960.638
Easton, 1.25 mi. n. w. of, at milepost 54; **sec. of rail** set vertically in ground (B. & O. B. M. 456)	955.414

Warwick s. via B. & O. Ry. to point 2.5 mi. s. of Massillon (precise line)

Warwick, 0.5 mi. s. of, between tracks on mud wall of s. abut. of bridge; **chiseled point** (B. & O. B. M. 1)	952.372
Warwick, 1.8 mi. s. e. of, at milepost 107; **sec. of rail** set vertically in ground (B. & O. B. M. 2)	948.759
Warwick, 2.8 mi. s. e. of, at milepost 106; **section of rail** set vertically in ground (B. & O. B. M. 3)	949.890
Canal Fulton, 500 ft. s. e. of sta. at, between east-bound track and siding at milepost 105; **rail section** (B. & O. B. M. 4)	947.220
Canal Fulton, 1 mi. s. e. of, at milepost 104; **section of rail** set vertically in ground (B. & O. B. M. 5)	948.400
Canal Fulton, 2 mi. s. e. of, at milepost 103; **section of rail** set vertically in ground (B. & O. B. M. 6)	944.570
Pauls, about 1 mi. n. w. of, at milepost 102; **section of rail** set vertically in ground (B. & O. B. M. 7)	939.088
Crystal Spring, about 1 mi. w. of, near Pauls, near Coxey's white sand works, on n. w. end of retaining wall on n. e. side of tracks at milepost 101; **chiseled point** (B. & O. B. M. 8)	942.460
Crystal Spring, about 0.25 mi. w. of, at milepost 100; **section of rail** set vertically in ground (B. & O. B. M. 9)	940.405
Crystal Spring, about 0.8 mi. s. e. of, at milepost 99; **section of rail** set vertically in ground (B. & O. B. M. 10)	948.340
Massillon, about 2 mi. n. of, 250 ft. e. of milepost 98, in s. end of w. coping of box culv. on w. bound tracks; **square cut** (B. & O. B. M. 11)	933.461
Massillon, about 1 mi. n. of, at milepost 97; **section of rail** set vertically in ground (B. & O. B. M. 12)	934.109
Massillon, 300 ft. e. of bridge 4; **cut on** n. e. cor. coping Pennsylvania R. R. arch bridge (Pennsylvania R. R. B. M.)	942.281
Massillon, 0.25 mi. n. w. of, in n. end of mud wall of e. abut. of brdg. at teleg. pole 96 10; **copper bolt** (B. & O. B. M. 13)	941.359
Massillon, on n. end of e. back wall of Pennsylvania Ry. brdg. 5; **cut** (Pennsylvania R. R. B. M.)	939.276
Massillon, 0.5 mi. s. e. of, set in n. end of w. abut. of highway brdg. over river; **copper bolt** (B. & O. B. M. 14)	935.289
Massillon, about 1.5 mi. s. of, at teleg. pole 94 4, set in s. e. pedestal of water tank at Columbia; **copper bolt** (B. & O. B. M. 15)	933.357
Massillon, about 2.5 mi. s. of, set in n. e. end of n. w. coping of culv. for pipe drain at teleg. pole 93 7; **copper bolt** (B. & O. B. M. 16)	927.529

Maumee Bay Quadrangle

Walbridge north, east, south, and west to Walbridge

Walbridge, 0.5 mi. n. of, in face of n. pier abut. of brdg. over branch of Cedar Creek; **bronze tablet** stamped "Toledo 614"	615.158

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	Feet
Walbridge, 1.5 mi. n. of, on line between secs. 32 and 33, on top tier, middle slab of culv. on e. side of rd., 1200 ft. s. of L. S. & M. S. Ry.; cross cut...	613.83
Walbridge, 2.5 mi. n. of, T. 10 S., R. 8 E., sec. 17, on top tier, s. w. cor. of culv. at s. e. cor. of +rds., at Drouillards store; **cross cut**	**612.725**
Ironville, 2 mi. e. of, T. 9 S., R. 8 E., on line between secs. 26 and 27, on top tier, s. e. cor. of culv., on s. side of road; cross cut	589.08
Ironville, 2.5 mi. e. of, 2 mi. n. w. of Momeneetown, n. w. cor. of T rds. in front of Sayer's house, in slab of culv.; **bronze tablet** stamped "Toledo 587"	**587.712**
Jamestown, 0.75 mi. s. of, T. 9 S., R. 9 E., on line between secs. 28 and 29, on top tier, n. end of e. pier head of brdg. over ditch, at +rds.; **cross cut**	**580.243**
Curtice, cor. of secs. 28, 29, 32, and 33, T. 8 N., R. 13 E., on top tier, middle slab of culv. at s. w. cor. of +roads; cross cut	597.12
Curtice, 1 mi. s. of, in w. end of s. pier of abut. of bridge over Crane Creek; **bronze tablet** stamped "596 Toledo"	**597.021**
Clay Center, 1 mi. s. w. of, on top tier, w. end of n. abut. of brg.; 0.75 mi. s. of L. S. & M. S. Ry.; cross cut	609.21
Genoa, 1 mi. w. of, on top tier, e. end of n. abut., brg. over Packer Cr.; +cut	626.82
Genoa, 1 mi. w. of, at n. w. cor. of +rds., on stone road, at n. e. cor. of culv.; **bronze tablet** stamped "Toledo 626"	**626.557**
Genoa, 3 mi. w. of, on n. w. cor. of w. pier, abut. of bridge of e. and w. road at +rds., at cor. of secs. 1, 6, 31, and 36; cross cut	628.80
Genoa, 5.75 mi. w. of, 2 mi. e. of Stony Ridge, on stone pike in s. foundation of D. F. Mann's res.; **bronze tablet** stamped "Toledo 634"	**634.328**
Walbridge, 0.4 mi. s. of, on line between secs. 8 and 9, on w. end of n. pier, abut. of bridge, 0.25 mi. s. of Penn. Ry. +ing; cross cut	614.70

Point 5 mi. w. of Trowbridge via Graytown to Genoa

Trowbridge, 0.5 mi. n. by 4 mi. w. of, on top of limestone rock at s. e. cor. of crossroads; cross cut	605.20
Trowbridge, 0.5 mi. n. by 1 mi. w. of, on top tier, middle seat of culvert at n. w. cor. of +rds., 300 ft. e. of +ing of W. & L. E. Ry.; cross cut	590.38
Trowbridge, 1 mi. e. of, in e. end of s. pier abut. of highway brg. over Turtle Creek; **bronze tablet** stamped "Toledo 582"	**583.209**
Graytown, 1.5 mi. n. of, on top tier, e. end of s. abut., head of brg.; cross cut	589.09
Graytown, 0.5 mi. n. of, on e. end of n. pier abutment; cross cut	590.00
Graytown, 1 mi. s. of, at cor. of secs. 28, 29, 32, and 33, on top tier of culvert at n. e. cor. of +roads; cross cut	604.49
Genoa, 3 mi. e. of, in w. end of n. pier abut. of bridge over Toussaint Creek; **bronze tablet** stamped "599 Toledo"	**600.097**
Genoa, 2 mi. e. of, on top of iron pipe, at s. e. cor. of +rds.; cross cut	611.22
Genoa, on top of large rock at crossroads; cross cut	630.94

Maysville Quadrangle

Ripley along Ohio River to Aberdeen

Ripley, s. w. cor. of Main and Second Streets, 8 ft. w. of cor.; chiseled sq. curbing marked "505.439"	506.42
Ripley, 40 ft. w. of w. end of steel brg. over Red Oak Creek, on East Second Street, 15 ft. s. of cen. of rd.; **iron post** stamped "501"	**501.917**

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	Feet
Ripley, 6 mi. s. e. of, 20 ft. e. from cen. of rd. forks, on Threemile Creek; **iron post** stamped "514"	515.119
Aberdeen, 0.5 mi. n. of, on Aberdeen and West Union road, at fork of rd., 100 ft. e. of large steel bridge over Fishing Gut Run, n. w. corner of road forks; **iron post** stamped "Prim. Trav. Sta. No. 20—1910—521"	522.055
Maysville, Ky., s. w. cor. of Court and Second Streets, Pearce & Wallingford Building, occupied by State National Bank of Maysville, on watertable on n. w. cor. about 4.5 ft. above sidewalk; **chiseled square** marked "U. S. B. M." (This bench mark is on checked spur line from Aberdeen)	524.498

On left shore of Ohio River (Army Engineers' precise line)

Maysville, Ky., s. w. cor. of Court and Second Sts., Army Engineers' U. S. B. M. 407-A, n. e. cor. of the State National Bank Building, 4.5 ft. above sidewalk; **cut** on top of watertable, Elev., 524.998	524.476
Maysville, Ky., at n. w. corporation line, Army Engineers' U. S. B. M. 408-A, on e. end of culv. of C. & O. Ry. over Little Beasley Creek, on down river wing wall; **cut** on top of tenth course of stone from top, Elev., 493.127	492.604
Ripley, Ohio, opposite, on Ky. shore, 600 ft. above water works, Army Engineers' U. S. B. M. 415-A, on downstream face of wing wall of C. & O. culv. over Ross Cr.; **cut** on top of 10th course of stone from top, Elev., 490.076.	489 552

McClure Quadrangle

Grand Rapids n. 6 mi. to Wabash Railroad

Grand Rapids, 0.46 mi. n. of, s. w. cor. of rd. forks; chiseled sq. marked "661"	660.73
Grand Rapids, 1.81 mi. n. of, on stone culv., n. e. cor. rds.; chiseled square marked "671"	671.42
Grand Rapids, 2.8 mi. n. of, stone steps of schoolh. on s. w. cor. of rd. +ing; **aluminum tablet** stamped "671" (destroyed)	671.265
Grand Rapids, 5.83 mi. n. of, on stone culv. at n. side of crossroads; chiseled square marked "660"	660.25
Grand Rapids, 6.04 mi. n. of, e. wing wall of concrete culv., 300 ft. s. of ry., top of; **aluminum tablet** stamped "662"	662.512

Point near McClure s. to point near Westhope thence e. to Haney

McClure, 1 mi. n. by 3.05 mi. w. of, on top of boulder at n. e. corner of +rds.; chiseled square marked "666"	665.98
McClure, 1 mi. n. by 2.88 mi. w. of, on n. e. abut. of brg. over South Turkeyfoot Creek; **aluminum tablet** stamped "658"	657.918
McClure schoolh., s. w. cor. of found'n; **aluminum tablet** stamped "678"	678.526
McClure, 0.51 mi. s. of, stone culv. at w. side of +rds.; chiseled sq. marked "680"	679.74
McClure, 1.53 mi. s. of, on stone abut. of culv. on s. side of road; chiseled square marked "681"	681.06
McClure, 3 mi. s. of, schoolh. on n. e. cor. of +rds.; **aluminum tablet** "683"	683.382
McClure, 4.34 mi. s. of, brick schoolh. on w. side of rd., s. e. cor. of; **aluminum tablet** stamped "691"	691.148
Westhope, 3.05 mi. s. of, German Lutheran Church on s. w. cor. of rd. +ing; **aluminum tablet** stamped "702"	702.460
Deshler, 3 mi. n. by 1 mi. e. of, on concrete culv., at e. side of road crossing; chiseled square marked "701"	701.73
Custar, 2.2 mi. s. by 1 mi. e. of, on concrete culv. s. side of +rds.; **aluminum tablet** stamped "698"	698.191

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Custar, 2.2 mi. s. by 3 mi. e. of, on culv., s.side of +rds; chiseled sq. mkd. "696"	695.78
Haney, concrete culv., at w. side of +roads; **aluminum tablet** stamped "697".	**696.070**
Haney, 1 mi. n. of, on s. e. abut. of brg., w. side of +rds.; chiseled sq. mrkd. "694"	694.14

Liberty Center via Stone Road s. e. to Grand Rapids, thence e. to Tontogany (precise line)

Liberty Center, 3.42 mi e. of, jc. of rds. at S. & N. schoolhouse, front face; **aluminum tablet** stamped "683"	**683.364**
Liberty Center, 5.90 mi. e. of, Whites schoolh., dist. No. 1, n. of road, front entrance; **aluminum tablet** stamped "674"	**673.672**
Grand Rapids, brg. over Maumee River, s. abut. e. side of; **aluminum tablet** stamped "655"	**654.666**
Grand Rapids, 2.72 mi. e. of, schoolh., n. side of road, front entrance; **aluminum tablet** stamped "670"	**669.493**

Tontogany s. w. along C. H. & D. Ry. to Custar (precise line)

Weston, very near s. cen. of sec. 35, about 150 ft. e. of C. H. & D. Ry. track, on s. side of Main St., at e. side of e. entrance on n. e. corner of iron pedestal; top of surface marked by **square cut** with a cold chisel (C. & G. S. B. M. D1)	**683.611**
Weston, in found'n of First Methodist Church, erected in 1895, in n. face of found'n, 3 ft. 10 inches w. of w. face of belfry tower, in second course of masonry below watertable course, 2 feet above ground; **brass bolt** marked with horizontal line (C. & G. S. B. M. E1)	**682.705**
Weston, about 100 ft. e. of C. H. & D. Ry. track, n. side of Main St., n. w. cor. of Citizens' Bank Building; top of **corner stone** just below brick (C. & G. S. B. M. Weston Village)	**682.029**
Milton Center, e. side of Railroad St., at s. side of e. and w. alley, in stone building of John Biverstock, on n. end of base stone below window; **chiseled square** (C. & G. S. B. M. F1)	**689.824**
Custar, n. w. cor. of Superior and Linn Sts., in n. e. cor. of found'n of public school building, 1 foot 10 in. w. of e. face and 3 ft. 8 inches above ground; **brass bolt** marked with a horizontal line (C. & G. S. B. M. G1)	**696.637**

McConnelsville Quadrangle

Eagleport south to Calvary

Eagleport, 3.55 mi. s. w. of, up Island Run, on rock; chiseled square	750.96
Eagleport, 1.79 mi. s. w. of, 150 yds. s. w. of res. of Jacob Bush, in n. abut., e. side of wooden bridge; **aluminum tablet** stamped "755"	**755.174**
Triadelphia, in n. w. cor. w. side of found'n of Christian Church; **aluminum tablet** stamped "982"	**981.609**
Triadelphia, 2.95 mi. s. of, at +roads, in s. e. corner e. side of found'n of res. of James Parkhill; **aluminum tablet** stamped "844"	**843.772**
Morganville, in e. side of found'n of res. of A. Scott; **aluminum tablet** stpd. "883"	**883.475**
Ringgold, 0.5 mi. e. of, on large rock at +rds.; chiseled sq. painted "891.47"	891.69
Ringgold, 0.31 mi. e. of, in w. abutment s. side of bridge over small stream; **aluminum tablet** stamped "871"	**870.808**
Ringgold, 2.78 mi. s. of, at T rd. e., on rock; chiseled sq. painted "1062.75"	1063.03
Shilling, 0.91 mile s. of, in n. w. side of foundation to res. of M. H. Fitch; **aluminum tablet** stamped "1058"	**1058.367**

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Mountville, 40 ft. n. of T rd., at schoolh., on rock; chiseled sq. painted "1012.87"	1013.21
Mountville, in s. wall of found'n of res. of J. McLain; **aluminum tablet** "1026"	**1026.709**
Mountville, 0.84 mile s. of, at T road east, on stone step at gate leading to residence of O. Lovell; chiseled square painted "977.39"	977.75
Mountville, 1.78 miles s. of, 30 feet s. of crossroads e. and w., on large rock; chiseled square painted "979.15"	979.52

Durant s. e. via McConnelsville and Stockport to Chesterhill
(this line closes one foot low at Chesterhill)

Eagleport, 1.58 mi. s. e. of, in w. abut. of small culvert under ry.; **aluminum tablet** stamped "690"	**690.102**
Shawnee Junction, 0.12 mi. n. of, in south abutment e. side of small trestle; **aluminum tablet** stamped "686"	**686.370**
Malta, n. e. cor. of intersection of Bell and Water Sts., in concrete retaining wall; **aluminum tablet** stamped "666"	**666.041**
McConnelsville, in s. e. cor. of veranda of Morgan county courth., **iron post** stamped "Prim. Trav. Sta. No. 12—701"	**700.940**
McConnelsville, on porch of Morgan county courth.; chiseled sq. mkd. "703.76"	703.44
Malta, 3.01 miles s. of, on w. side of B. & O. Ry., 300 ft. s. of ry. +ing, in coping stone of small culv.; **aluminum tablet** stamped "664"	**664.218**
Hooksburg station, 0.38 mile s. of, 60 ft. e. of ry., in coping stone of stone arch culv. under county road +ing; **aluminum tablet** stamped "651"	**650.755**
Stockport, 700 ft. w. of railroad, in w. abut. n. side of county brg. over Muskingum river; **aluminum tablet** stamped "663"	**662.601**
Stockport, 1.1 mi. w. of, on coping stone of culv.; chiseled sq. painted 763.4"	763.24
Stockport, 2.27 mi. w. of, in w. abut., n. side of wooden brg.; **aluminum tablet** stamped "873"	**872.589**
Stockport, 3.4 mi. s. w. of, on e. abut. s. side of brg.; chiseled sq. painted "794"	793.83
Todd, 11 ft. from cen. of rd. at intersec. of Y road, on large flat stone; chiseled square painted "988"	988.07
Chesterhill, 1.28 mi. n. e. of, on coping stone e. abut., n. side of covered brg. over Wolf Creek; chiseled cross painted "724.8"	724.69

Stockport s. e. to Roxbury

Roxbury, 450 ft. n. of ferry, at triangle at junc. of North River rd. and rd. s. across river; **iron post** stamped "Prim. Trav. Sta. No. 6—655.5"	**655.317**
Roxbury, 0.24 mile n. of, in s. end of small concrete culv. on e. side of railroad; **aluminum tablet** stamped "654"	**653.714**

McConnelsville n. e. to Rowland

McConnelsville, 0.85 mi. n. e. of, on rock on e. side of road; chiseled square marked "744.25"	743.46
McConnelsville, 2.93 mi. n. e. of, in s. abut. w. side of iron brg. over Fourmile Run; **aluminum tablet** stamped "844"	**843.611**
McConnelsville, 4.08 miles n. e. of, w. of road, 40 ft. s. of small walnut tree, on rock; chiseled cut marked "996.24"	**995.44**
McConnelsville, 4.78 miles n. e. of, on s. abutment e. side of covered bridge over Mans Fork, chiseled cut marked "703.97"	**703.17**
Meigs, 0.5 mi. w. of, in e. side n. cor. of foundation of res. owned by Chas. H. Whitney; **aluminum tablet** stamped "767"	**766.250**
Meigs, 0.9 mi. e. of, on w. abut. s. side of iron brg.; chiseled sq. marked "679.320"	**678.51**

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	Feet
Meigs, 1.1 miles e. of, at T road s., on large rock in front of residence of John King; chiseled square marked "727.545"	726.73
Meigs, 1.92 mi. e. of, on large rock at +rds.; chiseled sq. marked "692.624"	691.80
Meigs, 3.29 mi. n. e. of, in w. side s. end of found'n of J. Q. Little's residence; **aluminum tablet** stamped "749"	**748.339**

Mechanicsburg Quadrangle

West Liberty east along highway 6.5 miles, thence s. to Mingo

West Liberty, 2.2 miles e. of, in s. w. cor. of +rds. at Catholic Cemetery, in fence post; copper nail	1098.13
West Liberty, 3.1 mi. e. of, s. e. cor. of T rd. e., 300 ft. n. of T rd. w. in fence post; copper B. M. nail	1172.25
West Liberty, 3.8 mi. e. of, n. e. cor. of rd. forks, on stone; chiseled square	1233.02
West Liberty, 4.5 mi. e. of, s. w. cor. of +rds., in end of wooden drain; copper nail	1304.64
West Liberty, 5.9 mi. e. of, s. e. cor. of T rd. s. on granite boulder; chiseled sq.	1383.99
Mingo, 3.4 mi. n. of, 900 ft. w. of schoolh. (Dist. No.4, Monroe Twp.), 30 ft. s. w. of cen. of T rd. n.; **iron post** stamped "1371" (on East Liberty Quad.)	**1370.495**
Mingo, 2.4 mi. n. of, n. w. cor. of T rd. s. w., on stone retaining wall; chiseled sq.	1377.84
Mingo, 2.1 mi. n. of, n. e. cor. of T rd. n. e. at Logan-Champaign county line, on stone culvert; chiseled square	1350.42
Mingo, 1.8 mi. n. of, n. w. cor. of T rd. s. w., on granite boulder; chiseled sq.	1356.96

Point 2.2 mi. e. of West Liberty s. by roads to Urbana

West Liberty, 1 mi. s. by 1.5 mi. e. of, in s. e. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 96—Ohio—1910—1090"	**1089.470**
West Liberty, 1.5 mi. e. by 2 mi. s. of, n. w. cor. of T rd. n., fence post base; spike	1139.70
West Liberty, 3.5 mi. s. e. of, on Bellefontaine road, about 300 ft. s. e. of "Stop 78" on Ohio Electric Ry. in s. e. cor. of +rds.; **iron post** stamped "1107"	**1107.123**
Urbana, 6 mi. n. of, on Bellefontaine road, n. e. cor. of T road e., in base of teleph. pole; spike	1091.61
Urbana, 5.25 mi. n. of, on Bellefontaine road, s. e. cor. of +roads, in base of teleph. pole; spike	1086.75
Urbana, 4.2 mi. n. of, on Bellefontaine rd, n. e. cor. of +rds.; **iron post** stamped "1079"	**1078.648**
Urbana, 3.2 mi. n. of, 270 ft. n. of +roads, on Bellefontaine road, on e. end of s. abut. of small steel bridge; chiseled square	1057.48
Urbana, 2.25 mi. n. of, on Bellefontaine road, on e. side of road opposite lane w. in base of teleph. pole; spike	1069.63
Urbana, 1.2 mi. n. of, in s. e. cor. of T road e., at soldier's monument, in base of telephone brace pole; spike	1057.55
Urbana, +ing of Ohio Elec. and Erie Rys.; top of n. e. cor. of +ing; (on St. Paris Quad.)	1039.68

Point 5.2 mi. n. of Urbana n. e. along road and Erie Ry. via Mingo to 2.25 mi. e. of North Lewisburg

Urbana, 5.25 mi. n. by 0.5 mi. e. of, in s. e. cor. of T rd. s., base of fence post; spike	1097.95
Urbana, 5.25 mi. n. by 1.6 mi. e. of, s. w. cor. of T rd. w.; fence post base; spk.	1147.55

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	Feet
Kennard, 1.7 mi. s. w. of, 300 ft. w. of Kings Creek, in n. end of small iron brg. over drain, in w. abut.; chiseled square	1114.14
Kennard, 1 mi. s. w. of, in s. e. cor. of T rd. e., in base of teleph. pole; spike	1148.29
Kennard, 0.6 mi. s. w. of, rd. +ing Erie Ry.; top of w. rail	1158.6
Kennard, 90 ft. s. of Erie Ry., 40 ft. e. of cen. of rd. forks; **Iron post** stmpd. "1172"	**1171.788**
Kennard, 1.1 mi. n. e. of, on Erie Ry., 75 ft. s. w. of rd. +ing, n. abut. e. end of small highway bridge; chiseled square	1196.86
Mingo, 0.75 mi. w. of, on Erie Ry. 50 ft. e. of road +ing, w. abut. s. end of trestle; chiseled square	1194.73
Mingo, road +ing at Erie sta., 20 ft. s. of ry., 20 ft. e. of cen. of rd.; **Iron post** stamped "1204"	**1203.618**
Mingo, in front of station; top of rail	1202.1
Mingo, 20 ft. e. of +ing, at station, s. w. cor. of concrete culv. at rd. +ing Erie Ry.; chiseled square	1202.82
Mingo, 1.3 mi. e. of, on Erie Ry., n. e. cor. of rd. +ing, on stone; chiseled sq.	1177.45
Mingo, 2.25 mi. e. of, on Erie Ry., e. end of small wooden trestle, in n. guard rail; bolt head painted white	1145.94
North Lewisburg, 1.25 mi. w. of, on Erie Ry., w. abut. of steel bridge over creek, 3 ft. s. of track; chiseled square	1131.16
North Lewisburg, road +ing at elevator, 50 ft. e. of ry., 20 ft. n. of road, on cor. of sidewalk; chiseled square	1089.16
North Lewisburg, in front of s. entrance to school, s. edge of walk; chiseled sq.	1084.70
North Lewisburg, 10 ft. w. of s. entrance to public school building; **Iron post** stamped "1087"	**1086.600**
North Lewisburg, 0.6 mi. e. of, 150 ft. n. of T rd. n., s. abut., e. end of steel bridge; chiseled square	1055.21
North Lewisburg, 1.4 mi. e. of, on n. side of rd., at T rd. s. e., in base of fence post; spike	1037.83
North Lewisburg, 1.6 mi. e. of, s. w. cor. of T rd. s. e., s. end of stone drain; chiseled square	1033.44
North Lewisburg, 1.8 mi. e. of, 300 ft. e. of T rd. n., n. w. cor. of steel brdg. over Big Darby Creek, n. end of steel I beams; chiseled square	1028.06
North Lewisburg, 2.25 mi. e. of, n. e. cor. of T rd. n., on end of vitrified pipe drain; painted square	1032.42
North Lewisburg, 3 mi. e. of, rd. forks at cemetery, on s. side of rd. forks, in base of teleph. pole; spike	1035.05

Urbana e. along highway to 2.2 mi. s. of Woodstock, thence to Woodstock and 1 mi. east

Urbana, 3500 ft. e. of Soldiers' monument in public sq., 27 ft. n. by 45 ft. e. of cen. of T sts.; **Iron post** stamped "Prim.Trav.Sta.No. 99—Ohio—1910—1074"	**1073.432**
Urbana, 1.2 mi. e. of, on n. side of rd. forks, in base of teleph. pole; spike	1120.54
Urbana, 2.2 mi. e. of, s. e. cor. of +roads, in base of teleph. pole; spike	1169.48
Urbana, 3.2 mi. e. of, on Milford Center road, in s. e. corner of T road s.; **Iron post** stamped "1139"	**1139.393**
Urbana, 3.8 mi. e. of, on Milford Center rd., e. abut. n. wing wall of concrete arch bridge over improved ditch; chiseled square	1131.57
Urbana, 4.5 mi. e. of, on n. side of +roads, n. abut. e. end of concrete brg.; chiseled square	1140.24
Urbana, 5.8 mi. e. of, on Milford Center road, in n. e. corner of T road, on stone; painted square	1249.98

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	Feet
Urbana, 6 mi. e. of, on Milford Center rd., 150 ft. e. of T rd. s., at schoolh., (Sub-district No. 7, Union Twp.), w. abut. s. end of brg; chiseled square..	1235.63
Urbana, 6.25 mi. e. of, on Milford Center rd., 0.25 mi. e. of school (Sub-district No. 7, Union Twp.), in n. w. cor. of T rd. n.; **iron post** stamped "1232"....	**1232.110**
Urbana, 7.4 mi. e. of, on Milford Center road, in s. w. cor. of T road s., at blacksmith shop, on w. end of drain; chiseled square.....	1221.58
Urbana, 8.5 mi. e. of, on Milford Center rd., in n. e. cor. of +roads, in base of fence post; spike.....	1219.06
Mechanicsburg, 5.5 mi. n. w. of, on Milford Center road, 40 ft. e. of cen. of +roads, on n. end of cast iron drain pipe; chiseled square.....	1196.11
Woodstock, 2.2 mi. s. by 2.7 mile w. of, on n. side of road at T road s. e.; **iron post** stamped "1176".....	**1175.392**
Woodstock, 2.2 mi. s. by 1.6 mi. w. of, 300 ft. w. of A. C. Owen's residence, e. abut. n. end of small wooden drain; chiseled square.....	1114.95
Woodstock, 2.2 mi. s. by 0.5 mi. w. of, on n. side of road opp. W. F. Woodward's mail box, on fence post; spike.....	1085.64
Woodstock, 2.2 mi. s. of, s. w. cor. of +rds., s. end of drain pipe; chiseled sq.	1059.29
Woodstock, 0.7 mi. s. of, n. abut. w. side of steel brg. over cr.; chiseled sq..	1037.71
Woodstock, in n. e. cor. of Town Hall grounds; **iron post** stamped "1042"...	**1042.135**
Woodstock, n. w. cor. of cross street, in front of Smith & Smith's store, on concrete walk; chiseled square.....	1045.24
Woodstock, 0.5 mi. e. of station, at rd. +ing Pennsylvania Ry.; top of n. rail	1033.5
Point 2 mi. s. of Woodstock s. along highway and e. to Irwin	
Woodstock, 3 mi. s. of, 350 ft. n. of Milton Darrow's res., on e. end of small wooden bridge; spike head painted white.....	1065.91
Woodstock, 3.6 mi. s. of, s. e. cor. of T rd. e., s. end of wooden drain; nail head painted white.....	1076.75
Woodstock, 3.6 mi. s. of, in n. e. cor. of T rd. s. e.; **iron post** stamped "1076".	**1075.673**
Irwin, 1.8 mi. s. w. of, 300 ft. s. of T rd. s., n. e. cor. of s. abut. of small wooden bridge; chiseled square.....	1052.58
Irwin, 0.8 mi. s. w. of, e. abut. s. e. cor. of brdg. over creek; chiseled sq..	1019.85
Point 6 mi. e. of Urbana s. e. via roads to Wild Rose schoolhouse, thence n. e. via roads to near Irwin	
Mutual, 0.7 mi. n. of, in s. e. cor. of T rd. s., on top of stone; chiseled square	1187.99
Mutual, n. e. cor. of T rd. n., 10 ft. n. of n. w. cor. of brg.; **iron post** stpd. "1198"	**1197.584**
Mutual, 0.7 mi. e. of, in s. e. cor. of T rd. s., in base of fence post; spike....	1249.16
Mutual, 0.7 mi. e. by 1.5 miles s. e. of, in n. e. cor. of road forks, in base of telephone pole; spike..	1128.50
Mechanicsburg, 3.1 mi. s. w. of, on Springfield rd., in s. e. cor. of + rds., about 400 ft. n. of Wild Rose school (district No. 7); **iron post** stamped "1128"...	**1128.317**
Mechanicsburg, 2.4 mi. s. w. of, on Springfield rd., in n. e. cor. of rd. forks, on top of w. wing wall of concrete culvert; chiseled square.....	1106.49
Mechanicsburg, 0.4 mi. s. w. of, on Springfield rd., 550 ft. w. of ry., on s. side of road; **iron post** stamped "1062".....	**1062.340**
Mechanicsburg, in n. w. corner of cross streets, in center of town, on stone curbing; chiseled square.....	1084.29
Mechanicsburg, 0.7 mi. n. e. of, in s. e. cor. of T rd. s. e., on boulder; chiseled sq.	1074.04
Mechanicsburg, 2.3 mi. n. e. of, e. end, n. abut. of brg. over cr.; chiseled sq.	1029.10

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	Feet
Mechanicsburg, 3.1 mi. n. e. of, in n. e. cor. of T road e., on n. end of cast iron drain; painted square	1062.05

Mechanicsburg s. e. along highway to Tradersville

Mechanicsburg, 175 ft. w. of sta., at Big Four +ing; top of s. rail	1056.5
Mechanicsburg, 0.7 mi. s. e. of, at road forks, in top of 10-inch stump on w. side of road; copper B. M. nail	1073.27
Mechanicsburg, 1.5 mi. s. e. of, at road forks, on w. side of base of teleph. pole in cen. of road forks; iron bolt	1082.09
Mechanicsburg, 2.9 mi. s. e. of, 100 ft. e. of road forks, in root on s. side of 4-foot white oak tree; copper B. M. nail	1102.42
Mechanicsburg, 3 mi. s. e. of, on London road, on e. side of road, in base of teleph. pole; **copper** B. M. **nail**	**1105.676**
Mechanicsburg, 3.4 mi. s. e. of, n. w. cor. of T rd. s. w., at schoolh. No. 3 (Goshen Twp.), on London rd.; **iron post** stamped "1111"	**1111.474**
Tradersville, 2.3 mi. n. w. of, on n. abut., e. end of small wooden brg., 600 ft. s. e. of J. H. Lee's res.; chiseled square	1100.93
Tradersville, 0.8 mi. n. w. of, s. side of rd. at rd. forks, base of tel. pole; spike	1109.71

Point 7 mi. s. of Urbana n. and e. to 3 mi. w. of Mechanicsburg

New Moorefield, 0.5 mi. w. by 1.5 mi. n. of, n. side of e.-w. rd., 40 ft. w. of T rd. s., 3 in. under ground in root on s. side of 10-in. poplar; copper B. M. nail	1093.95
New Moorefield, 1 mi. w. by 2 mi. n. of, Champaign-Clark county line at school, s. e. cor. of +rds., inside fence, in root on w. side of 2-ft. oak; copper B. M. nail	1109.91
Urbana, 1 mi. e. by 5 mi. s. of, at T rd. n., on s. side of rd., 15 ft. w. of cen. of road; **iron post** stamped "1128"	**1127.701**
Urbana, 1 mi. e. by 4 mi. s. of, opposite T rd. e., on sandstone anchor to fence post; chiseled square	1145.45
Catawba station, 3 mi. n. w. of, at Pretty Prairie schoolh. (sub-district No. 3 Urbana Twp.), on s. e. cor. of first step, at +roads; chiseled square	1122.20
Catawba station 1.5 mi. n. by 1.9 mi. w. of, top of n. end of concrete culvert under road; chiseled square	1097.38
Catawba station, 1.5 mi. n. by 1.5 mi. w. of, n. w. cor. of T rd. w.; **iron post** stamped "1114"	**1113.280**
Catawba station, 1.5 mi. n. of, T rd. n., s. end of concrete culv.; painted sq.	1168.82
Cawtaba station, 1.5 mi. n. of, T rd. n., s. end of concrete culv.; chiseled sq.	1173.42
Catawba station, 2.1 mi. n. e. of, directly opposite T rd. n. w., 0.3 mi. e. of ry. +ing, in base of n. side of telephone pole; copper B. M. nail	1110.29
Catawba station, 2.4 mi. n. e. of, s. e. cor. of T rd. s., on n. end of 12-inch steel tile under pike; highest point	1127.95

Medina Quadrangle

Seville w. along highway to Lodi

Seville, s. e. abut. of highway bridge over Chippewa ditch; **aluminum tablet** stamped "988 Canton"	**988.478**
Seville, 1.2 mi. n. w. of, on culv., s. side of rd., 65 ft. e. of T rd. n. e.; chiseled sq.	989.33
Seville, 2 mi. n. w. of, on stone on s. w. cor. of T road s.; chiseled square	998.63
Seville, 3 mi. n. w. of, on stone, on n. e. cor. of road, T road n.; cross cut	1032.87
Leroy, on cor. stone, on s. e. cor. of +roads; chiseled square	1103.29

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	Feet
Seville, 5.75 mi. w. of, in n. w. cor. of n. e. abut. stone, iron girder bridge over Camel Creek; **aluminum tablet** stamped "997 Canton"	**997.543**
Friendsville, 1 mi. w. of, on stone on n. side of rd. at T rd. s.; chiseled sq.	1063.82
Friendsville, 1.5 mi. w. of, on large boulder on n. e. cor. of +rds.; chis. sq.	1014.76

Sherman Corners along highway s. to Wadsworth

Sherman Corners, at +roads, on stone water trough; **chiseled square**	**1201.242**
Sherman Corners, n. w. cor. of +roads, in found'n stone, e. side, s. e. cor. of brick house of Dell Sherman; **aluminum tablet** stamped "1202 Canton"	**1203.457**
Sherman Corners, 0.8 mi. s. of, on boulder at s. e. cor. of +rds., on twp. line; chiseled square	1203.92
Weymouth, 2.3 mi. n. of, at s. w. cor. of road, at T road w.; chiseled square	1214.44
Weymouth, 1 mi. n. of, on stone, on e. side of rd., 3 ft. n. e. of wooden gate at T road e.; chiseled square	1102.69
Weymouth, 0.7 mi. n. of, in e. side of n. e. cor. of iron girder brg. over Plum Creek; **aluminum tablet** stamped "1032 Canton"	**1032.962**
Weymouth, on stone water trough, T road w.; square cut	1023.64
Medina, 5 mi. e. of, on stone on bank, at n. e. cor. of road; square cut	1192.82
Windfall, in n. e. cor. of schoolhouse steps, n. w. cor. of +roads; **aluminum tablet** stamped "1195 Canton"	**1195.822**
Boneta, 1.25 mi. n. of, on large boulder, on s. w. cor. of +road; chiseled sq.	1176.70
Boneta, on stone culv., on n. w. cor. of +roads; **chiseled square**	**1095.291**
Boneta, 1 mi. s. of, in s. side, s. e. cor. of schoolh. founda.; **aluminum tablet** stamped "1108 Canton"	**1109.358**
Boneta, 3 mi. s. of, on stone, on n. w. cor. of intersec. of T rd., line e. 0.5 mi., thence s. e. on angular rd.; cross painted	1104.1
Wadsworth, 3.7 mi. n. w. of, w. side of rd., on culv. stone, 0.5 mi. s. of intersec. of T rd.; square cut	1005.3

Sterling n. w. along C. L. & W. Ry. to Grafton

Chippewa Lake sta., 1000 ft. n. of, on the C. L. & W. Ry., in s. wing wall of w. wall of culv.; **bronze tablet** stamped "1036 Canton"	**1035.713**
Medina, county courth., in n. w. cor., in watertable; **aluminum tablet** stamped "1093 Canton"	**1092.134**
Lester, 1150 ft. e. of, on rd. running e. from, w. abut. of highway bridge, over Mallet Creek, n. w. cor. of; **aluminum tablet** stamped "934 Canton"	**933.620**

Lester n. to Liverpool, thence e. to Sherman Corners

Lester, 1 mi. n. of, on stone at n. e. cor. of +road; chiseled square	924.2
Lester, 2 mi. n. of, on stone at s. w. cor. of + roads; square cut	894.4
Liverpool, 1200 ft w. of P. O., on abut. of culv., n. w. cor. of bridge; chiseled sq.	819.4
Liverpool. in e. side of main entrance of Lutheran Church; **bronze tablet** stamped "Prim. Trav. Sta. No. 62—814"	**814.819**
Brunswick, 1 mi. w. of, on large boulder, at s. w. cor. of +roads, at C. & S. W. Electric sub-station; **chiseled square**	**1149.087**
Brunswick, in cornerstone, n. w. cor. of west front of Methodist Church; **aluminum tablet** stamped "1178 Canton"	**1179.092**
Brunswick, on n. e. cor. of water trough at s. w. cor. of +rds.; **chiseled square**	**1174.563**
Brunswick, 1 mi. e. of, on boulder at n.e. cor. of rd., at T rd. n.; **chiseled square**	**1117.380**
Brunswick, 2.3 mi. e. of; on large boulder on s. e. cor. of T road south	**1131.725**

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Seville e. along highway to Wadsworth

Seville, 2.5 mi. e. of, on large stone at n. w. cor. of +rds.; chiseled square..	1167.33
Seville, 4.25 mi. e. of, on culv. stone at s. w. cor. of rd., at +rds.; chiseled sq.	1124.05
Seville, 4.75 miles e. of, in bridge over River Styx on abutment stone, at s. w. corner; **aluminum tablet** stamped "966 Canton"	**964.836**
Seville, 6 mi. e. of, on culv. tile at n. e. cor. of rds., line n. 1 mi. then e. to Wadsworth, at + roads; **chiseled cross** (on Akron Quad.)	**1007.443**

Point near Creston northwest to point near Lodi (precise line)

Creston, 2.25 miles n. w. of, at milepost 44; **section of rail** set vertically in ground (B. & O. B. M. 466)	**961.908**
Creston, 3.25 mi. n. w. of, at milepost 43; **section of rail** set vertically in ground (B. & O. B. M. 467)	**966.755**
Lodi, 3 mi. s. e. of, at milepost 42; **section of rail** set vertically in ground (B. & O. B. M. 468)	**970.242**
Lodi, 2.5 mi. s. e. of, set in n. end of small culv. at telegraph pole 34 17; **copper bolt** (B. & O. B. M. 469)	**952.182**
Lodi, 1 mi. s. e. of, at milepost 40; **section of rail** set vertically in ground (B. & O. B. M. 470)	**931.890**
Lodi, 800 ft. e. of, in unstable ground; **section of rail** set vertically in ground (B. & O. B. M. 471)	**913.791**
Lodi, 1 mi. s. w. of, at milepost 38; **section of rail** set vertically in ground (B. & O. B. M. 472)	**913.794**

Mentor Quadrangle

Euclid n. e. along N. Y. C. & H. R. Ry. to Wickliffe thence along Euclid Avenue (North Ridge Rd.) to Painesville

Wickliffe, on boulder at stop 23 on North Ridge rd., T rd. s.; **chiseled circle**	**693.293**
Wickliffe, at s. e. corner of red brick Presbyterian Church, in face; **aluminum tablet** stamped "696 Cleveland"	**695.963**
Wickliffe, 3.75 mi. n. e. of, on North Ridge rd.; top of cor. iron fence post at s. e. cor. of T road south	691.53
Willoughby, at n. e. corner of iron flagstaff in public square; top of bolt	666.23
West Mentor, at front entrance of Village Hall, at s. e. cor. of 2 by 3 by 4-ft. stepping stone; chiseled square	695.21
West Mentor, at front entrance of Village Hall, 2 by 3 by 4-ft. carriage stepping stone, at n. e. corner; **bronze tablet** stamped "695 Cleveland"	**695.251**
Mentor, on top of property corner stone, at northeast cor. of T road north; **chiseled square**	**696.439**
Mentor, 0.2 mi. e. of, on top at s. e. corner of culvert wall, at T road, South Mentor Ave. and Hiesley road; **chiseled square**	**699.829**
Mentor, 3.5 mi. n. e. of, at T rd. n., on s. side of Mentor Ave., in cen. and on top of stone culvert; chiseled square	682.71

Fowlers Mill west along highway to South Euclid

Fowlers Mill, 60 ft. e. of sta., n. side of e.-w. rd., on top of sandstone hitching post; chiseled square	1127.22
Fowlers Mill, 0.5 mi. w. of, at s. w. cor. of iron truss brg. over Chagrin River, s. cor. of top abut. stone, in top; **bronze tablet** stamped "1111 Cleveland"	**1110.505**

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	Feet
Fowlers Mill, 1.25 mi. w. of, at s. e. cor. of +rds., on top of culv. stone; chiseled square	1090.77
Fowlers Mill, 3 mi. w. of, 1 mi. e. of Chesterland +roads, on flat stone at n. e. corner of crossroads; chiseled square	1181.92
Chesterland +rds,, on top of e. end of culv. stone at s. e. cor. of; chiseled circle	1212.63
Chesterland +roads, 100 ft. s. e. from cen. of, general store of H. C. Cattrell, n. w. corner of; **bronze tablet** stamped "1217 Cleveland"	**1216.881**
Chesterland, crossroads, 2.5 mi. w. of, 1 mi. e. of Gates Mills, on top of large granite boulder at crossroads; chiseled square	1041.19
Gates Mill, in top of cen. of abut. wall at s. w. cor. of high truss iron bridge over Chagrin River; chiseled square	728.59
Gates Mill, high truss iron bridge over Chagrin River, at n. w. corner of top abutment stone; **aluminum tablet** stamped "729 Cleveland"	**728.607**
Gates Mill, 2 mi. w. of, 100 ft. w. of cen. of +roads, n. side of road, on top of cen. of 2 x 2 granite boulder; chiseled square	1049.88
Gates Mill, 3.24 mi. w. of, on top of sandstone boulder, at w. end of culvert box at n. w. cor. of +roads; chiseled square	1096.47
Gates Mill, 4.75 mi. w. of, 1 mi. e. of South Euclid, on n. side of culvert at - roads, in center of top stone; chiseled circle	1013.99

Miamisburg Quadrangle

Franklin s. w. along highway to Middletown, thence n. w. to Astoria, thence n. and e. via Germantown to Miamisburg

Franklin, in n. w. cor. of n. face of watertable of Eagle Mill at Sixth St. near C. N. Ry. sta; **aluminum tablet** stamped "685"	**685.023**
Middletown, No. 216 South Main St., in watertable s. side of entrance to Tytus Paper Co.'s bldg.; **aluminum tablet** stamped "653"	**652.572**
Astoria (Jackson), in cen. of s. face of stone door sill of Pleasant Hill Methodist white brick Church; **aluminum tablet** stamped "824"	**823.741**
Germantown, 5 mi. w. of, Brown's Chapel, at s. e. cor. of + roads, in s. face of door sill stone; **aluminum tablet** stamped "974"	**973.772**
Germantown, in n. e. cor. of found'n wall of Reform Church, s. w. corner of Market and Walnut Sts.; **aluminum tablet** (destroyed)	**725.456**
Miamisburg, n. w. abut. of retaining wall of highway brg. over Miami River at W. Linden Ave., in cen. of 3rd top stone; **aluminum tablet** stamped "709"	**708.671**

Miamisburg n. to near Frytown, thence w. to county line road, thence s. and e. to Farmersville, thence s. e. to Germantown

Frytown, n. cor. of +roads, in s. e. cor. of red brick schoolhouse at Lower Miami Church; **aluminum tablet** stamped "824"	**823.661**
Liberty, in s. w. cor. of s. face of watertable of St. Paul's Church· **aluminum tablet** stamped "840"	**839.675**
New Lebanon, 1 mi. s. of, in s. e. cor., s. face red brick schoolh. ›trict No. 5 at T rd. n.; **aluminum tablet** stamped "910"	**909.657**
Farmersville, 4 mi. n. w. of, in top stone, w. end of county line road culv., in n. w. angle of 5 forks; **aluminum tablet** stamped "929"	**929.422**
Farmersville, 3 mi. w. of, 0.2 mi. n. of e.-w. rd., in n. e. cor. of watertable, e. face of red brick house, of David Wampler, w. of county line rd.; **aluminum tablet** stamped "890"	**889.835**
Farmersville, in watertable, e. face of s. entrance to public school; **aluminum tablet** stamped "882"	**882.367**

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Alexandersville s. w. along C. H. & D. Ry. and C. C. C. & St. L. Ry. to Middletown (precise line)

	Feet
Alexandersville, 0.7 mi. s. e. of, on line of C. C. C. & St. L. Ry., 300 ft. n. of street car power house, on pier of stone culv. over ditch, e. end, 10 in. w. of e. face and 18 in. s. of point; **chiseled square** (C. & G. S. B. M. D4)	722.157
Whitfield, 0.8 mi. n. of, on line of C. H. & D. Ry., n. abut. of brg. 36, over Opossum Creek e. end on wing wall brg. seat coping 4.9 ft. e. from chord and 9 in. from retaining wall; **chiseled square** (C. & G. S. B. M. D3)	714.310
West Carrollton, on Miami & Erie Canal, on tumble of lower Carrollton lock w. side s. end, on second step below coping, 4 in. n. of s. face and 6 in. w. of e. face of stone; **chiseled square** (C.& G. S. B. M. C4)	711.425
Miamisburg, on line of C. C. C. & St. L. Ry., in n. end of town, 500 ft. n. of Enterprise Carriage Works, on brg. 250, over Sycamore Creek, n. abut., w. end, on retaining wall, second step below coping, 14 in. e. of w. face and 6 in. n. of s. face; **chiseled square** (C. & G. S. B. M. B4)	707.776
Miamisburg, 0.2 mi. n. of sta., on e. end of n. abut. of brg. over Bear Cr. on brg. seat course at e. end of wing wall, 6 in. from s. face and 12 in. from e. face; highest pt. in rounded **square** (U. S. C. & G.S. B. M. E3)	699.729
Miamisburg, on w. abut. of rd. brg. over Miami River at C. H. & D. Ry. sta. on s. face of retaining wall, 7 ft. w. of angle in eighth course of masonry below coping; **brass bolt** marked with horizontal line (C. & G. S. B. M. F3)	696.984
Miamisburg, s. end of village, about 8 ft. e. of cen. of Third Street, n. side of Smith St., 6.72 ft. w. of cen. of C. C. C. & St. L. track, 2.4 ft. below top of rail on bridge seat course of masonry; **chiseled square** (C. & G. S. B. M. A4)	705.123
Miamisburg, 2.2 mi. s. of, on C. H. & D. Ry., culv. 32, n. e. quar., fourth step below bridge seat course, 3 in. w. of e. face and 6 in. n. of s. face; **chiseled square** (C. & G. S. B. M. G3)	693.755
Franklin, 2 mi. n. of, C. C. C. & St. L. Ry. culv. 223, over race from lock, s. abut., second stone from e. end of brdg. seat course, 7 in. s. of n. face and 6 in. w. of e. face; **chiseled square** (C. & G. S. B. M. Z3)	704.111
Carlisle, 0.5 mi. n. of, C. H. & D. Ry. culv. 31 over creek, n. abut., e. end, on brdg. seat course, 6 in. from e. face, 12 in. n. of s. face; **chiseled square** (C. & G. S. B. M. H3)	692.078
Franklin, plant of Franklin Water Works, n. w. cor. of Sixth St. at C. C. C. & St. L. Ry. +ing, s. e. cor. of water table; highest pt. of rounded **square** exactly in angle (C. & G. S. B. M. I3)	688.965
Carlisle, 2.2 mi. s. of, C. H. & D. Ry. brg. 30 over Twin Cr. on s. pier of two on e. end, cen. of nose, 15 in. back from pt.; **chiseled square** (C. & G. S. B. M. J3)	677.655
Franklin, 1 mi. s. of sta., C. C. C. & St. L. Ry. brdg. 254 over Clear Creek, s. abut., w. side on second course below top of retaining wall, 3 ft. above brdg. seat course, 5 in. from both w. and n. faces; **chiseled square** (C.&G. S. B.M. Y3)	684.451
Poasttown, 0.5 mi. s. of, C. H. & D. Ry. brdg. 26 over Brown Run, on e. end of wing wall, n. abut., first step below brdg. seat course, s. e. cor. of stone, **chiseled square** (C. & G. S. B. M. K3)	658.288
Middletown, 2.8 mi. n. of, C. C. C. & St. L. Ry. culv. 270, s. abut., e. end of brdg. seat course, 13 in. s. of n. face and 10 in. w. of e. face; **chiseled square** (C. & G. S. B. M. X3)	674.697
Middletown, 400 ft. n. of sta., on C. H. & D. Ry., n. abut. of culv. 21, e. end, on first step below brdg. seat course, 6 in. w. of e. face and 6 in. n. of s. face; **chiseled square** (C. & G. S. B. M. L3)	643.037
Middletown, eastern part of city, about 493 ft. w. of C. C. C. & St. L. Ry. track, s. w. cor. of Third and Grimes Streets, on e. face of Kimball Block, 12 in. s. of n. cor. and 3.5 ft. above flagging; **brass bolt** marked with a horizontal line (C. & G. S. B. M. M3)	666.502

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Milford Center Quadrangle

Near Hayden

	Feet
Hayden, 3.4 mi. s. w. of, in s. e. abut. of covered brg. over Big Darby Creek; **aluminum tablet** stamped "899 Col"	**899.229**

Near New Dover s. w. by rd. to Marysville and n. w. 2.8 mi.

New Dover, 0.6 mi. e. of, n. w. cor. of +roads, in base of fence post; staple painted white	965.68
New Dover, rd. +ing C. C. C. & St. L. Ry., 400 feet e. of sta.; top of n. rail.	972.1
New Dover, s. w. cor. of public school grounds; **iron post** stamped "974"	**974.365**
New Dover, n. w. cor. of T rd. n., w. end of town, on stone; painted square.	968.71
Marysville, 1.7 mi. e. of, n. e. cor. of T rd. n., on end of iron drain; painted sq.	982.22
Marysville, s. w. cor. of Fifth and Main Sts., on stone curbing; chiseled sq..	994.13
Marysville, s. w. cor. of S. Court and W. 6th Sts., 8 ft. n. of n. e. cor. of First M. E. Ch.; in stone, **bronze tablet** stpd. "Prim. Trav. Sta. No. 75—1910—991"	**991.282**
Marysville, at intersec. of West Fifth, West Fourth and North Grove Sts., 10 ft. s. of concrete watering trough on concrete curbing; chiseled square	1018.17
Marysville, N. Main St. crossing T. & O. C. R. R.; top of north rail	986.6
Marysville, s. w. cor. of North Main and Elwood Sts., on curbing; chiseled square	984.78
Marysville, forks of Maple and Elwood Streets, on w. side of st., in base of telephone pole; spike	1005.68
Marysville, 1.2 mi. w. of, n. w. cor. of rd. forks, in base of teleph. pole; spike	1025.20
Marysville, 1.7 mi. w. of, 100 ft. e. of +roads, n. side of rd., on stone block at mailbox post; chiseled square	1026.47
Marysville, 2.8 mi. n. w. of, n. w. cor. of +rds., on granite boulder; chiseled sq.	1039.23

Near Allen Center

Allen Center, 0.7 mi. s. w. of, on e. abut. at n. end of small wooden bridge over improved ditch; chiseled square	1031.43
Allen Center, n. w. cor. of T rd. w., in s. e. cor. of Allen Twp. building grounds; **iron post** stamped "Prim. Trav. Sta. No. 94—1047"	**1046.996**

Marysville s. e. along highway 8 miles, thence s. to Plain City

Marysville, n .e. cor. of E. Fifth and N. Cherry Sts. on stone curbing; chiseled sq.	996.61
Marysville, 600 ft. e. of cor. of 5th and Cherry Sts.; top of e. rail at Big Four +ing	999.4
Marysville, 1 mi. s. e. of; top of e. rail of T. & O. C. Ry.	993.1
Marysville, 1.2 mi. s. e. of, 1200 ft. e. of T. & O. C. Ry. +ing, on s. side of 3-foot steel drain under pike; highest point	985.56
Marysville, 2.6 mi. s. e. of, on California rd., on e. end of Gilloris schoolhouse doorstep; chiseled square	983.54
Marysville, 3.1 mi. s. e. of, on California rd., s. e. cor. of rd. +ing; **iron post** "970"	**970.062**
Marysville, 4 mi. s. e. of, on California rd., in n. w. cor. of Dist. No. 6, Mill Tp. schoolh. yard, on stone cistern top; chiseled square	982.08
Marysville, 5.1 mi. s. e. of, s. w. cor. of T rd. w., in base of cor. fence post; spike	978.84
Marysville, 5.8 mi. s. e. of, n. w. cor. of T rd. n. e.; **iron post** stamped "967"	**966.815**
Marysville, 7.7 mi. s. e. of, California rd. on s. end of 10-inch steel drain pipe under rd., s. w. cor. of T rd. s. w.; highest point (on Dublin Quad.)	974.46

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	Feet
Arnold, 0.3 mi. s. e. of, on s. w. abut. of iron brg. over Sugar Run; chiseled sq. (on Dublin Quad.)	945.20
Arnold, 550 ft. s. of station, at T. & O. C. Ry. +ing; top of rail	961.0
Arnold, 0.25 mi. w. of, 15 feet w. of n. w. cor. of T road n.; **Iron post** stamped "Prim. Trav. Sta. No. 79—1910—959"	**959.129**
Arnold, 1.4 mi. s. w. of, in top of n. e. abut. of iron brg. over Robinsons Run; chis. sq.	930.56
Arnold, 1.7 mi. s. w. of, n. w. cor. of T rd. w., on limestone culv.; chiseled sq.	930.85

Plain City west on roads to Chuckery thence n. to Marysville

Plain City, s. e. cor. of schoolh. yard, 10 ft. n. of sidewalk; **Iron post** stamp'd "935"	**934.585**
Plain City, 0.9 mi. w. of, at viaduct +ing of Pennsylvania Ry., on second step from bottom on s. w. abut.; chiseled square	934.24
Plain City, 1.7 mi. w. of, in base of telephone pole opposite T rd. w., 1000 ft. s. of Pennsylvania Ry. +ing; iron bolt	946.84
Plain City, 2.6 mi. w. of, on Post rd. at s. w. cor. of T rd. s.; **Iron post** stpd. "971"	**970.472**
Plain City, 3.8 mi. w. of, on Post road, s. e. cor. of +rds., in root of 4-foot white oak tree on n. side; copper B. M. nail	977.74
Plain City, 4.1 mi. w. of, on Post rd., on s. w. cor. of T rd. s., in top of brace to second fence post; copper B. M. nail	979.53
Chuckery, 1 mi. n. e. of, n. w. cor. of T rd. n., 20 ft. e. by 25 ft. s. to cen. of T road; **Iron post** stamped "Prim. Trav. Sta. No. 78—980"	**979.690**
Chuckery, in s. e. cor. of Lewis Chapel grounds, in root on e. side of 4-foot white oak tree; copper B. M. nail	978.38
Chuckery, 1.2 mi. n. of, n. w. cor. of T rd. w., at base of cor. fence post; on 18-in. granite boulder; highest point	984.15
Chuckery, 2.6 mi. n. of, at Pennsylvania, Ry. +ing; top of n. rail	978.6
Chuckery, 2.8 mi. n. of, on n. e. concrete abut. of small iron brg., 200 ft. n. of +roads; chiseled square	962.82
Bridgeport, 0.45 mi. s. e. of, n. e. cor. of T rd. n. e., 100 ft. n. of water edge of Big Darby Creek; **Iron post** stamped "970"	**970.337**
Bridgeport, 100 ft. n. of schoolh., on s. end of culv., 125 ft. e. on T rd, e.; chisl'd sq.	967.79
Bridgeport, 1.7 mi. n. of, n. e. cor. of T road n. e., on n. end of stone culvert under pike; chiseled square	984.97
Bridgeport, 2 mi. n. of, on s. w. abut. of iron brg. over ditch, at T rd.; chisl'd sq.	982.01
Bridgeport, 3 mi. n. of, s. e. cor. of T road e., at base of cor. fence post, on 18-in. granite boulder; highest point	1028.63
Bridgeport, 3.6 mi. n. of, s. w. cor. of T rd. w.; **Iron post** stamped "1022"	**1022.040**
Marysville, 0.8 mi. s. of, on London and Marysville pike, on top of e. end of concrete culvert under pike; chiseled square	1011.21
Marysville, s. w. cor. of W. Ninth St. and London Ave. on sandstone gutter cover; chiseled square	990.92
Marysville, n. w. cor. of W. 8th and London Ave., on sandstone sidewalk, 10 ft. from curbstone; chiseled square	987.30

Marysville s. w. along highway to near Woodstock

Marysville, 1.8 mi. s. w. of, n. w. cor. of rd. forks, in base of fence post; spike	1057.94
Marysville, 3.5 mi. s. w. of, 330 ft. e. of G. W. Connolly's res., on s. side of rd., in base of teleph. pole; copper B. M. nail	1045.16
Marysville, 3.5 mi. s. w. of, 50 ft. n. by 7.5 ft. e. of G. W. Connolly's res., on s. side of road; **Iron post** stamped "1044"	**1044.075**

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	Feet
Milford Center, 2.5 mi. n. of, s. w. cor. of +roads, in base of teleph. pole; copper B. M. nail	1040.54
Milford Center, 2.5 mi. n. w. of, s. e. cor. of +roads, in base of fence post; copper B. M. nail	1002.26
Milford Center, 2.5 mi. n. w. of, at T road n. e., on s. side of rd., in base of teleph. pole; copper B. M. nail	1004.29
Milford Center, 2.5 mi. n. w. of, n. w. cor. of T rd. n. e., 60 ft. w. of steel brg. over Big Darby Creek; **Iron post** stamped "1006"	**1005.945**
Milford Center, 2.5 mi. n. w. by 1.2 mi. s. w., n. w. cor. of T rd. w., on end of tile drain; chiseled square	1010.28
Woodstock, 1.9 mi. e. of, at rd. +ing Pennsylvania Ry.; top of s. rail	1018.3
Woodstock, 1.7 mi. e. of, s. w. cor. of rd. forks, fence post base; copper B. M. nail	1017.09
Irwin east along highway to Chuckery	
Irwin, road crossing Big Four R. R.; top of w. rail	1011.0
Irwin, 10 ft. n. of n. w. cor. of Irwin Hardware Co. Building; **Iron post** stamped "Prim. Trav. Sta. No. 76—1910—1012"	**1011.816**
Irwin, 0.6 mi. e. of, s. w. cor. of rd. forks, in base of teleph. pole; spike	1005.24
Irwin, 1.1 mi. e. of, s. w. cor. of T rd. s., in base of teleph. pole; spike	1005.33
Irwin, 1.9 mi. e. of, 350 ft. e. of T rd. n. on w. abut., n. end of covered bridge over Little Darby Creek; chiseled square	995.54
Chuckery, 1.9 mi. w. of, on Post road, 200 ft. s. of cov. brg. over Little Darby Creek, n. w. cor. of T rd. n.; **Iron post** stamped "990"	**990.330**
Chuckery, 1.4 mi. w. of, s. e. cor. of T rd. s., in base of teleph. pole; spike	987.52
Chuckery s. along highway 4 mi. thence n. w. to near Irwin	
Chuckery, 1.2 mi. s. of, s. abut. e. end of wooden brg.; chiseled square	980.96
Chuckery, 1.8 mi. s. of, 350 ft. s. of B. King's res., in base of tel. pole; spike	986.63
Rosedale, 2.5 mi. e. of, n. e. cor. of +roads; **Iron post** stamped "977"	**976.854**
Rosedale, 2.5 mi. e. by 0.9 mi. s. of, s. e. cor. of +rds., on end of 18-in. cast iron drain pipe; chiseled square	984.87
Rosedale. 1.2 mi. s. e. of, n. w. cor. of +rds., on top of stone drain; chiseled sq.	1005.52
Rosedale, n. w. cor. of +roads, on stone drain; chiseled square	1010.06
Rosedale, 1 mi. n. w. of, on top of w. end of stone drain; chiseled square	1005.34
Rosedale, 2 mi. n. w. of, on e. side of rd., in base of teleph. pole; spike	1008.21
Rosedale s. w. along highway to Tradersville	
Rosedale, 1.25 mi. s. w. of, in s. e. cor. of +roads; **Iron post** stamped "1020"	**1019.697**
Rosedale, 1.25 mi. s. w. by 1.5 mi. s., n. w. cor. of T rd. n., on concrete base of fence post; chiseled square	1041.71
Tradersville, 2.4 mi. n. of, n. e. cor. of T rd. n. e., in base of tel. pole; spike.	1055.63
Tradersville, 2.2 mi. n. e. of, in s. e. cor. of +roads, on concrete base of fence post; chiseled square	1039.05
Tradersville, 1.1 mi. n. e. of, s. e. cor. of T rd. s. w., in base of fence post; spike	1073.88
Tradersville, in w. cor. of +roads; **Iron post** stamped "Prim. Trav. Sta. No. 77—Ohio—1910—1105"	**1104.676**
Plain City s. w. along highway to Gillivan	
Plain City, 200 feet e. of Penn. Ry. sta., rd. +ing, cen. of rd.; top of n. rail	932.8

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	Feet
Plain City, 0.8 mi. s. w. of, n. e. cor. of +roads, on n. end of stone culv. under pike; chiseled square	940.09
Plain City, 1.3 mi. s. w. of, 200 ft. n. of T road e., on n. end of stone culvert under pike; chiseled square	945.52
Plain City, 2.3 mi. s. w. of, 200 ft. s. of T road e.; on top of s. w. abut. of concrete bridge; chiseled square	949.78
Plain City, 3 mi. s. w. of, s. w. cor. of T road w.; **iron post** stamped "953"	**953.095**
Plain City, 4.4 mi. s. w. of, s. e. cor. of +rds., in base of fence post; ½" bolt	955.81
Plain City, 5.8 mi. s. w. of, s. e. cor. of T road e.; **iron post** stamped "959"	**958.680**
Plain City, 6.3 mi. s. w. of, n. w. cor. of T road w., on n. end of stone culvert under pike; chiseled square	960.42
Gillivan, 1.2 mi. n. of, s. w. cor. of 4 ft. steel plate at e. end of culv.; highest pt.	973.94
Gillivan n. w. along highway to point 2.5 mi. e. of Rosedale	
Gillivan, 2.6 mi. n. w. of, s. w. cor. of T rd. s. w., on s. end of stone culv. chiseled sq.	982.87
Gillivan, 3.4 mi. n. w. of, n. e. cor. of T rd. s. e.; **iron post** stamped "977"	**977.167**
Resaca, 1.7 mi. s. e. of, s. w. cor. of T road n. w., on s. side of 12-in. steel tile under pike; highest point	977.73
Resaca, n. w. cor. of +rds., on s. e. cor. of porch floor of store; chiseled sq.	982.20
Resaca, 0.8 mi. n. w. of, opposite T rd. w., in root of 18-in. sugar maple tree on s. side; copper B. M. nail	968.84
Resaca, 1.8 mi. n. w. of, s. e. cor. of T road s., on s. end of vitrified tile under pike; highest point	977.00

Millersburg Quadrangle

2 mi. e of Mount Hope west and s. w. along road to Millersburg, thence e. to Walnut Creek

Mount Hope, 1.6 mi. e. of, on rock on s. side of rd.; chiseled sq. painted "1124.7"	1124.63
Mount Hope, n. w. cor. of +rds.; iron bolt head in curb stone; painted "1263.5"	1263.42
Mount Hope, 15 ft. s. w. of s. w. cor. of M. E. Ch., 5 ft. n. of rd.; **iron post** "1285"	**1285.063**
Mount Hope, 1.3 mi. w. of, in front of township house at Y rd.; paint spot on large stone on e. side of road, painted "1089.7"	1087.56
Benton, 0.2 mi. e. of, T rd. n.; paint spot top of guard stone, painted "955.3"	955.18
Benton, at +roads; paint spot on s. w. cor. of concrete walk around Painter Hotel, painted "988.098"	987.97
Benton, s. w. cor. of +roads, 2 ft. e. of property line of E. R. Farver; **iron post** stamped "991"	**990.910**
Benton, 0.8 mi. w. of; paint spot on top of large rock in n. side of road	1073.68
Benton, 1.8 mi. s. w. of, s. w. side of T rd. n., on stone ledge; chiseled square painted "1192.7"	1192.52
Benton, 2.7 mi. s. w. of, s. side of rd. at T rd. n.; chiseled sq. painted "1103.6"	1103.47
Benton, 2.8 mi. s. w. of, s. w. side of T rd. w., in front of res. of W. H. Gindlesburger; **iron post** stamped "1128"	**1128.480**
Millersburg, 1.5 mi. n. e. of, on w. abutment, e. side of bridge over Honey Run; **chiseled square** painted "879.204"	**879.070**
Millersburg, 1 mi. n. e. of, w. side of white brg.; nail head marked "861.3"	861.15
Millersburg, n. side of city near corporation line, opposite glass factory; top of wheel stone at T road, painted "886.6"	886.48

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	Feet
Millersburg, on e. side of ry., 400 ft. n. of Empire Mills at road +ing; spike in base of telegraph pole, painted "822.7"	822.56
Millersburg, curb in front of courthouse; chiseled square	900.84
Millersburg, w. side of courthouse, along wing wall of steps; **iron post** stamped "904," painted "904.3"	**904.164**
Millersburg, 1.1 mi. e. of, e. end of small rock culvert under wagon road at T road e.; **chiseled square**	**976.640**
Millersburg, 2.4 mi. e. of, paint spot on first step from bottom of steps to res. of Armour sisters; painted "1199.2"	1199.06
Millersburg, 3.8 mi. e. of, s. w. cor. of +roads at guidepost marked "Millersburg 4 mi., Berlin 3 mi., Benton 4 mi., Saltillo 2½ mi.;" **iron post** stamped "1202"	**1202.162**
Berlin, 1.6 mi. w. of, on top of large stone at T rd. s., opposite res. of Fred Mast; **chiseled square** painted "1062.8"	**1062.668**
Berlin, in cen. of town, n. w. cor. of +roads; **iron post** stamped "1292"	**1292.303**
Berlin 1 mi. s. e of, n. e. cor. of +roads at guide post, marked "Berlin 1 mi., Walnut Creek 4 mi.;" paint spot on e. end of culv. under rd., painted "1288.7"	1288.55
Walnut Creek, 2.5 mi. w. of, at s. e. cor. of T rd. s., in cor. of field owned by E. M. Beachy; **iron post** stamped "1259"	**1258.716**
Walnut Creek, 1.7 mi. w. of, on s. w. cor. of first step from bottom at schoolh. at n. e cor. of +roads; **chiseled square** painted "1273.3"	**1273.134**

Apple Creek s. w. along railroad to point 1.1 mi. s. of Holmesville

Apple Creek, 300 ft. s. of sta., at ry. +ing, in s. e. cor. of park; **iron post** stamped "1029"	**1028.294**
Apple Creek, 1 mi. s. of, 300 ft. s. of milepost marked "H 48 C 98;" top of easement curve stake No. 62	1039.04
Apple Creek, 2.3 mi. s. w. of, s. e. cor. of +roads, 100 ft. e. of ry., at guidepost marked "Maysville 5 mi., Fredericksburg 2½ mi., Apple Creek 3½ mi.;" **iron post** stamped "1034"	**1033.517**
Apple Creek, 3.4 mi. s. of, rail spike in base of teleg. pole No. 28 H at ry. +ing	1033.26
Fredericksburg, 1.1 mi. n. of, 100 ft. n. of ry. +ing, on s. abut., e. side of brdg. over n. branch of Salt Creek, at milepost marked "H50 C94;" chiseled sq.	998.18
Fredericksburg, e. side of schoolh. yard, in front of church; **iron post** stamped "974"	**973.874**
Fredericksburg, 1 mi. s. of; first drift bolt head on s. end e. side of small trestle, 60 ft. from ry. +ing	942.70
Fredericksburg, 2.4 mi. s. of, 35 ft. s. of ry. at ry. +ing, on n. end of brdg. abut. on e. side of Twin Bridge over Salt Creek; chiseled square	894.87
Holmesville, 0.6 mi. n. of, 18 ft. s. of ry. at ry. +ing; chiseled square on n. abutment, w. side of wagon bridge over Salt Creek	865.48
Holmesville, 500 ft. n. of sta., 25 ft. n. of railroad, near right-of-way at ry. +ing; **iron post** stamped "871"	**870.409**
Holmesville, 1.2 mi. s. of; first drift bolt head on s. end e. side of bridge No. 37 over creek on C. A. & C. Ry	840.39

Millersburg northwest along railroad to Shreve

Millersburg, 1.3 mi. n. of; first drift **bolt head** s. end w. side of small trestle, painted "825.1, trestle No. 250"	**825.023**
Millersburg, 1.9 mi. n. of; first drift **bolt head** n. end w. side of small trestle, painted "827. 8"	**827.741**

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	Feet
Millersburg, 2.7 mi. n. of, 690 ft. e. of C. A. & C. Ry. at T rd. e., w. of public rd., in cor. of field opposite Alvin Slavock's res.; **iron post** stamped "832"..	**831.688**
Holmesville, 2.3 mi. s. of, on B. & O. Ry.; first drift **bolt head** on n. end, w. side of small trestle, painted "828.8".....	**828.649**
Holmesville, 1.5 mi. s. of, 25 ft. n. of ry. +ing; rail spike in base of telegraph pole on w. side of ry., B. & O. Ry. and C. A. & C. Ry. about 30 ft. apart, painted "828.1".....	828.06
Holmesville, 1.1 mi. s. of; 1st drift bolt head, n. end w. side of trestle, painted "831.6"	831.56
Holmesville, in front of station; top of rail.....	833.6
Holmesville Station, w. side of ry.; rail spike in base of telephone pole.....	831.23
Holmesville Station, 0.5 mi. n. of, first drift bolt head n. end e. side at private crossing of trestle over Salt Creek, painted "839.01".....	838.94
Hard, 0.9 mi. s. of; first drift bolt head, small brg., s. end e. side, painted "836.2"	836.13
Hard, 100 ft. w. of station, s. side of public road; **iron post** stamped "837"...	**837.298**
Hard, in front of station; top of rail.....	836.5
Kauke, 2.2 mi. s. of, 20 ft. n. of wagon rd. at ry. +ing, on w. side of ry.; rail spike in base of teleg. pole, painted "840.4".....	840.38
Kauke, 1 mi. s. of, w. side of ry. at ry. +ing; rail spike in base tel. pole, painted "837.3"	837.30
Kauke, 10 ft. n. w. of sta., 10 ft. s. of rd., on right-of-way at ry. +ing; **iron post** stpd. "862"	**861.808**
Kauke, 560 ft. w. of sta., 90 ft. w. of +roads; bolt head in cen. of brg. on s. side, brg. over Kilbuck River.....	842.21
Shreve, 3 mi. e. of, 40 ft. e. of Penna. Ry., on n. abut. e. side of brg. over Jennings Ditch; **chiseled square** painted "841.4—833".....	**841.340**
Shreve, 2.6 mi. e. of, n. side of brg. 124, on e. abut.; chiseled sq. marked "G. B."	837.86
Shreve, 2.3 mi. n. e. of, w. abut., n. side of brg. 125; chiseled sq. painted "839.0"	838.98

Millersburg south along railroad 3 miles

Millersburg, 100 ft. n. of sta.; rail spike in base of teleg. pole, painted "821.5"	821.43
Millersburg, 1.3 mi. s. of; first drift bolthead on n. end, e. side of trestle, 600 ft. s. of milepost marked "H 62 C 82", painted "819.1".....	819.11
Millersburg, 2.6 mi. s. of, on w. end n. side of brg. approach at ry. +ing; chiseled sq. painted "813".....	812.89

Killbuck north along railroad to Shreve

Killbuck, 1.4 mi. n. w. of, at +roads, on n. end of stone culv.; chiseled sq. painted "844.1".....	844.12

Killbuck east along highway to Charm

Killbuck, 450 ft. w. of sta., steel bridge on main line C. A. & C. Ry. over Killbuck River, in n. wing of e. abut.; **aluminum tablet** stamped "Prim. Trav. Sta. No. 16—1907—807".....	**807.297**
Killbuck, in front of C. A. & C. Ry. sta.; top of rail.....	810.6
Killbuck station, 0.8 mi. e. of, 50 ft. n. of rd. forks, at rd. +ing, s. side of track, in top of e. end of plank drain; copper B. M. nail.....	809.49
Killbuck station, 1.7 mi. n. e. of, in e. post of rail stand at milepost "H 65 C 79"; copper B. M. nail.....	810.72
Killbuck, 3 mi. e. of, 3.1 mi. s. of Millersburg, 280 ft. s. of Hardy's switch, s. e. cor. of forks of rd.; **iron post** stamped "811".....	**810.594**
Killbuck, 3.6 mi. e. of, about 3 mi. s. of Millersburg, 40 ft. s. of road forks, at n. w. cor. of small wooden bridge, in top of; copper B. M. nail.....	816.26

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Grade, 0.1 mi. n. of, at n. w. cor. of rd. forks, on top of stone; chiseled sq..	1174.25
Grade, rd. forks at old P. O., w. side of road; **Iron post** stamped "1162"	**1162.146**
Grade, 0.1 mi. e: of, T rd. s. e., s. w. cor. of rd. forks, in top of stone; chis. sq.	1145.50
Grade, 0.9 mi. e. of, T rd. s. and lane n., top of stone in cen. of rds.; chiseled sq.	1150.83
Saltillo, 0.8 mi. s. of, T rd. w., cen of rds., in top of stone; chiseled square..	1205.64
Saltillo, 0.6 mi. s. of, T road w., in top of fence post on e. side of rd. at forks; copper B. M. nail	1221.55
Saltillo, n. e. cor. of +rds., inside fence line; **Iron post** stamped "Prim. Trav. Sta. No. 24—1907—1217"	**1216.898**
Saltillo, 0.4 mi. n. of, T road e., in root of chestnut tree on w. side of road at forks; copper B. M. nail	1230.07
Saltillo, 0.4 mi. n. by 1 mi. s. e. of, T road s., s. w. cor. of road forks, in top of plank drain at s. end; copper B. M. nail	1217.11
Charm, 1.25 mi. n. w. by 1.25 mi. w. of, four cors., s. w. cor. of n. rd. forks, in top of stone; chiseled square	1214.22
Charm, 1.2 mi. n. w. of, road forks at s. end of brg, in plank flooring, on e. side; copper B. M. nail	971.74
Charm, 1.2 mi. n. w. of, T road s., in top of stone at n. w. cor. of; paint mark	992.35
Charm, 0.6 mi. n. w. of, T road n., n. w. cor. of road forks, in top of w. end of plank drain; copper B. M. nail	1012.02
Charm, cen. of town, oppos. P. O., in cor. of yard on e. side of road at T road e., 130 ft. n. w. of road forks; **Iron post** stamped "1047"	**1046.628**
Charm, e. part of town, T road s. w. at schoolh., 90 ft. n. w. of road forks, in top of w. wing of s. abut. of small iron brg.; chiseled square	1030.51
Charm, 0.3 mi. s. e. of, e. side of T road s., 50 ft. s. of forks, in top of stone; chiseled square	1047.93
Walnut Creek, 4.4 mi. s. w, of; **paint spot** on top of large post at s. w. cor. of T road s., painted "1232.2"	**1232.189**

Morning View Quadrangle

Clermontville along highways n. w. to New Richmond, thence northeast to near Mount Pisgah

	Feet
Clermontville, at junction of 3 rds. directly in front of old seminary, 2 ft. w. of fence; **Iron post** stamped "501 Ohio," painted on telephone pole	**500.445**
New Richmond, 1.59 mi. s. e. of, on river rd., 300 ft. s. of lane leading to A. Conner's and E. C. Baker's res., in forks of rd., on large flat rock, chiseled square, "504" painted on telephone pole	503.58
New Richmond, 0.98 mi. s. e. of on river rd., 95 ft. n. of T rd. e., on s. abut. w. side of iron brg.; chiseled square, "491-67" painted on bridge girder...	490.87
New Richmond, in the n. w. cor., of Town Hall yard, 90 ft. n. of entrance to P. O., 2 feet s. of fence line; **Iron post** stpd. "498 Ohio," painted on tel. pole near	**497.517**
New Richmond, in n. e. part of city at corporation line, 20 ft. w. of J. Reinhardt's mail box, on sandstone ledge; chiseled sq., "510" painted on tel. pole	509.64
New Richmond, 1.55 miles n. of, on Twelvemile Creek, about 500 feet e. of Charles Laub's res., on s. abut. w. side of concrete box culvert; chiseled square, "492" painted on bridge parapet	491.69
New Richmond, 2.15 mi. n. of, about 200 ft. e. of cemetery, 100 ft. n. of T rd. e., on s. abut. w. side of iron bridge over Twelvemile Creek; chiseled sq., "509-94" painted on bridge girder	508.83

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On Ohio River shore (Army Engineers' precise line)

New Richmond, n. e. side of waterworks pumphouse, Army Engineers' U. S. B. M. 448-A, on top of stone watertable, 2 ft. n. w. of e. cor. of building; **cut**, Elevation, "497.872"	*Feet* 497.340
New Richmond, 1¼ mi. below, Army Engineers' U. S. B. M. 450-A, on C. & O. Ry. bridge over Kentucky Twelvemile Creek, on capstone of foundation of s. pier, on downstream cor. of river side of pier; **cut**, Elevation "451.010"	450.475

Morrow Quadrangle

Red Lion along highway s. e. to Lebanon, thence n. e. to Little Miami River, thence e. to Jonah Run Church

Red Lion, 5 ft. from n. w. corner of Methodist Church, 1 foot above ground; **aluminum tablet** in north foundation wall stamped "962 Cinn."	962.433
Red Lion, 1.15 mi. s. of, at s. e. angle of T rd. s., at interurban ry. sta. No. 27; painted square on s. end of drain tile	908.22
Lebanon, 4.25 mi. n. w. of, 10 ft. w. of cen. of crossroads n. of track, in road; chiseled sq. on white lime stone rock	956.84
Lebanon, 3 mi. n. of, 200 ft. n. of T rd. w.; chiseled sq. on w. end of stone culv.	889.20
Lebanon, 3 mi. n. of, n. w. angle of T rd. w.; **iron post** stamped "890 Ohio"	890.409
Lebanon, 2 mi. n. of, s. end of w. guard wall of concrete culv.: chiseled sq.	887.22
Lebanon, 1 mi. n. of, at n. end of Fair Grounds; chiseled sq. on w. end of stone culv.	834.22
Lebanon, n. edge of town, in wing wall of steel brg. over Turtle Creek: chiseled sq. on s. w. stone	720.00
Lebanon, at s. entrance step of courthouse; chiseled sq. on e. stone pedestal	769.83
Lebanon, at s. entrance step of courthouse, on e. end of top step; **aluminum tablet** stamped "769 Ohio"	769.223
Lebanon, 1 mi. n. e. of, along Waynesville road; chiseled sq. in s. e. wing wall of bridge	811.86
Lebanon, 2 mi. n. e. of, 400 ft. n. of Lelan siding, e. side of pike; copper nail in butt of telephone pole	895.84
Lebanon, 3 mi. n. e. of, 0.5 mi. n. e. of Genntown, at T rd. e.; chiseled square on n. e. end of concrete culvert	963.30
Lebanon, 4 mi. n. e. of, 1.5 mi. n. e. of Genntown, 40 ft. s. of junc. of T rd. s.; chiseled sq. at w. end of concrete culvert	957.86
Lebanon, 4 mi. n. e. of, 1.5 mi. n. e. of Genntown, at s. w. angle of T road s.; **iron post** stamped "960 Ohio"	960.258
Lebanon, 5 miles n. e. of, 3 miles n. w. of Oregonia, 300 ft. e. of junc. of T road e., n. side of road; chiseled sq. on top of large granite boulder	922.76
Oregonia, 2.5 mi. n. w. of, 5.5 mi. s. of Waynesville, at T rd. w.; chiseled sq. on n. end of culvert	910.49
Waynesville, 4.4 mi. s. of, 100 ft. n. of sawmill at pike +ing with creek and T rd. e.; chiseled sq. on n. w. abut. of bridge	705.16
Waynesville, 3.5 mi. s. of, on e. side of T rd. W. at Ellis Viris' res., 10 ft. w. by 25 ft. s. to cen. of stone culv.; **iron post** stamped "Prim. Trav. Sta. No. 49—1909—Ohio—700"	699.747
Waynesville, 3 mi. s. of, 0.5 mi. n. of mouth of Caesar Creek; chiseled sq. on s. e. abut. of bridge over Little Miami River	708.91
Waynesville, 3 mi. s. of, at brdg. over Little Miami River; water surface July 30, 7.30 a. m., 1914	694.97

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	Feet
Waynesville, 3.5 mi. s. of, at covered brdg. over Caesar Creek water surface July 30, 8.30 a. m., 1914	693.71
Waynesville, 4 mi. s. of, 2 mi. n. of Oregonia, e. side of bridge; chiseled sq. in concrete floor	706.56
Waynesville, 4 mi. s. e. of, 1 mi. e. of Little Miami River; top of bluff, at Asa Whitaker's res., at e. end of culv.; chiseled sq. in top of red granite boulder	934.48
Waynesville, 4 mi. s. e. of, 3.4 mi. w. of Henpeck, s. side of pike near Allen Kibler's res., copper B. M. nail in butt of telephone pole	945.85
Henpeck, 2.5 mi. w. of, 4.5 mi. s. e. of Waynesville, 100 ft. s. of T rd. w.; chiseled sq. on s. e. abutment of bridge	885.95
Henpeck, 2 mi. s. w. of, 2 mi. n. e. of Oregonia, at T rd.; chiseled sq. at w. end of stone culvert	946.22
Henpeck, 1.5 mi. s. w. of, at s. entrance to schoolh. at +roads; chiseled sq. at w. end of concrete step	936.76
Henpeck, 1.5 mi. s. w. of, in s. w. angle of +roads at Liberty Hall schoolh. Dist. No. 1, Massa township; **iron post** stamped "937 Ohio"	**936.518**
Henpeck, n. w. angle of + roads in town; chiseled sq. at w. end of stone culv.	940.28
Harveysburg, 1 mi. s. of, at T rd. w.; chiseled sq. on w. end of stone culvert	924.70
Harveysburg, 1.5 mi. s. e. of, at n. end of jog in e. and w. rd.; chiseled sq. at n. end of concrete culvert	928.53
Lebanon e. along Wilmington road to Vandervorts Corners	
Lebanon, e. part of town, at Pennsylvania Ry. + ing; s. joint of w. rail	737.1
Lebanon, 1 mi. e. of, 200 ft. s. of Pike Junction, in s. e. wing wall of steel brg. over Turtle Creek; chiseled square	728.88
Lebanon, 2 mi. e. of, along Wilmington road; chiseled sq. on n. e. wing wall of steel bridge over Turtle Creek	767.24
Lebanon, 2.5 mi. e. of, n. w. angle of +rds.; painted sq. on w. end of iron drain	853.78
Lebanon, 3.5 mi. e. of, top of hill, on n. side of rd. opposite Jim Young's res.; chiseled sq. on top of concrete foundation for gate post	925.45
Lebanon, 4 mi. e. of, s. w. angle of +rds, along Wilmington road; painted square on w. end of stone culvert	907.80
Lebanon, 4 mi. e. of, 100 ft. s. and 20 ft. w. of cen. of + rds.; **iron post** stamped "913 Ohio"	**912.458**
Lebanon, 4.75 mi. e. of, at T road n., top of hill before road slopes e. toward Little Miami River; painted sq. at. e. end of stone culvert	947.75
Oregonia, 2 mi. s. of, at n. w. cor. of steel bridge over Little Miami River; chiseled square at w. end of concrete wing wall	690.14
Oregonia, 2 mi. s. of, 200 ft. below brg. over Little Miami River; water surface August 5, 1914, 11:15 a. m	663.14
Oregonia, 2 mi. s. e. of, 2 mi. n. e. of Ft. Ancient, s. side of Wilmington rd., opposite B. Sellemyer's res.; copper nail in root of double trunk jack oak tree	967.62
Oregonia, 2.5 mi. s. e. of, at s. entrance to Olive Branch school; chiseled sq. at s. w. cor. of concrete platform	977.04
Oregonia, 3 mi. s. e. of, 6 mi. n. w. of Clarksville, at T rd. n. from Wilmington road; chiseled sq. on e. end of stone culvert	969.51
Clarksville, 5 mi. n. w. of, n. side of pike at T road s.; copper nail in root of 18-in. leaning jack oak tree	947.45
Clarksville, 5 mi. n. w. of, 3 mi. w. of Vandervorts Corners at s. e. angle of T road s.; **iron post** stamped "946 Ohio"	**946.256**

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	Feet
Clarksville, 3.5 mi. n. w. of, n. e. cor. of T rd. n. w., e. side of rd. n.; chiseled sq. on n. end on large white limestone rock (2'x4'x2')	1016.28
Clarksville, 3.5 mi. n. w. of, 1 mi. w. of Vandervorts Corners; chiseled square on n. end of stone culvert	924.36

Lebanon s. on road to Stubbs Mill, thence w. to Kings Mills

Lebanon, 2 mi. s. e. of, at w. entrance to Union schoolh., Turtle Creek Tp., chiseled square in n. end of stone step	846.52
Stubbs Mill, 2.5 mi. n. of, 200 ft. n. of T road e., s. e. abut. of brg. over Dry Run; chiseled square	808.02
Stubbs Mill, 2.5 mi. n. of, opp. T rd. e., on w. side of pike s., 200 ft. s. of brg. over Dry Run Creek; **iron post** stamped "817 Ohio"	**816.615**
Stubbs Mill, 1.5 mi. n. of, s. e. angle of + rds.; copper nail in butt of tel. pole	890.09
Stubbs Mill, 0.5 mi. n. of, e. side of pike; copper B. M. nail in root of 24" elm	732.49
Stubbs Mill, at s. end of brg. over Little Miami River; chiseled sq. on e. abut.	639.38
Stubbs Mill, at brg. over Little Miami River; water surface July 23, '14, 5 p. m.	612.28
South Lebanon, 1.6 mi. e. of, 10 ft. s. of Penn. Ry. track; copper B. M. nail in butt of signal post	629.57
South Lebanon, 0.5 mi. e. of, Penn. Ry. + ing: chisld. sq. on s. end of stone culv.	631.63
South Lebanon, 0.5 mi. e. of, 50 ft. s. w. of cen. of + roads, s. w. angle 70 ft. s. of P. C. C. & St. L. Ry. + ing; **iron post** stamped "632 Ohio"	**631.456**
South Lebanon, 0.5 mi. e. of, at ford over Little Miami River; water surface July 24, 1914 at 10.30 a. m	605.33
South Lebanon, opp. cen. of depot, rail joint of s. rail on main line Penn. Ry.	630.78
South Lebanon, 0.5 mi. w. of, 6 ft. n. of Penn. Ry. track; chiseled square on n. end of stone culvert	624.42
Middletown Junction, opp. e. side of station; joint on w. rail	631.07
Middletown Junction, 0.25 mi. s. of, 0.75 mi. n. of Kings Mills, at e. end of stone culvert; chiseled square on top of cap stone	621.73
Kings Mills, opposite Pennsylvania depot; top of w. rail	611.08
Kings Mills, 70 ft. w. of Pennsylvania Railway Depot, in n. e. abut. of steel brg. over Little Miami River; **aluminum tablet** stamped "623"	**622.695**
Kings Mills, at brg. over Little Miami; water surface July 25, 1914, 1.30 p. m	589.27

2 mi. s. of Oregonia s. on rds. to Morrow, thence w. to Stubbs Mill

Ft. Ancient, 0.8 mi. n. of, at n. w. cor. of stone railway brg. No. 69, under Pennsylvania Ry.; chiseled square	676.71
Ft. Ancient, 20 ft. e. of passenger platform, in yd. in front of hotel; chiseled circle on top of large granite boulder	670.20
Ft. Ancient, n. side of Main St., 40 ft. e. of P. C. C. & St. L. Ry., 30 ft. s. of hotel; **iron post** stamped "670 Ohio"	**670.236**
Ft. Ancient, 500 ft. w. of railway + ing, at steel brg. over Little Miami River; water surface Aug. 13, 1914, 10.45 a. m	656.07
Ft. Ancient, 1 mi. s. of, under Penn. Ry.; chiseled sq., e. end of concrete culv.	668.82
Hammel, at steel brg. over Little Miami River; chiseled sq. on n. e. abut	663.27
Hammel, at steel brg. over Little Miami; water surface August 8, 1914, 11.45 a. m.	659.26
Morrow, 2 mi. n. e. of, 10 ft. w. of Penn. Ry. track; chiseled sq. w. end of culv.	662.19
Morrow, 2 mi. n. e. of, 100 ft. e. of and 10 ft. below Penn. Ry. at old viaduct, 1 mi. n. w. of Roachester, 10 ft. n. of dim rd.; **iron post** stamped "652 Ohio"	**651.712**

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	Feet
Morrow, 2 mi. n. e. of, 1 mi. n. w. of Roachester, at ford of dim rd. +ing Little Miami River; water surface August 13, 1914, 1.30 p. m.	639.23
Morrow, 1 mi. n. e. of, 10 ft. w. of Pennsylvania Ry. track; chiseled sq. on w. end of concrete culvert	658.11
Morrow, on s.w. cor. of stone wall forming platform of P. C. C. & St. L. Ry. sta.; chiseled sq	645.44
Morrow, foot of center st.; water surface of Little Miami, Aug. 10, 1914, 2:45 p.m.	625.67
Morrow, 1 mi. w. of, at w. side of farm +ing with P. C. C. & St. L. Ry.; chiseled square on s. end of stone culvert	656.42

Point 4.3 mi. n. of Blanchester, s. w. along rd. to Butlerville thence w. and north to Kings Mills

Pleasant Grove; copper B. M. nail on doorsill of Friends Church	919.45
Edwardsville school, +rds. s. e. of rd. intersec.; chiseled sq. on top of stone culv.	925.42
Edwardsville school, 1.3 mi. s. w. of, on s. side of rd. to Black Hawk, opposite T road n.; **iron post** stamped "Ohio 823"	**823.201**
Black Hawk, 0.7 mi. s. e. of, at three corners, s. of cor.; copper B. M. nail in root of oak tree	886.98
Black Hawk, 1 mi. s. w. of, s. abut., brg. over creek; chiseled sq. on top stone	811.07
Butlerville, 0.2 mi. e. of, at T rd. n.; chiseled sq. on n. w. abut. of steel brg.	860.18
Butlerville, 0.8 mi. n. w. of, s. e. of rd. intersec., by house of Wm. Foxbower; chiseled sq. on concrete culvert	851.44
Oak Ridge school, 1.7 mi. s. e. of, at T rd. n. e., n. of rd. intersec.; nail in base of corner fence post	849.09
Oak Ridge school, in n. w. cor. of school yard, 15 ft. s. of locust tree; **iron post** stamped "Ohio 869"	**869.932**
Maineville, 3 mi. e. of, +rds., s. w. of rd. intersec.; chiseled sq. on culv	894.29
Maineville, 2 mi. e. of, +rds., 120 ft. s. e. of school; chiseled sq. on stone culv.	852.81
Maineville, in yd. of school, 6 ft. s. of sidewalk; **iron post** stamped "Ohio 804"	**804.947**
Foster sta., 0.3 mi. e. of, T rd. s., on n. w. cor. of stone culv.; sq. cut on top stone	688.85

Loveland e. along B. and O. S. W. Ry. to Blanchester

Loveland, 2 mi. s. e. of, 100 ft. e. of +ing of B. & O. Ry., at highway +ing; square cut on base of semaphore signal	634.98
Loveland, about 3.25 mi. e. of, on w. abut. of ry. brg.; **chiseled square** marked "B. M." (C. & G. S. B. M. LXI)	**692.924**
Milepost, P 167, 50 ft. w. of, n. e. abut. of ry. brg.; chiseled sq. on top of stone	693.42
Hills station, 400 ft. s. of, 100 ft. w. of B. & O. Ry. track, 15 ft. w. of fence corner; **iron post** stamped "740 Ohio"	**739.777**
Cozaddale, 50 ft. s. of depot, n. e. abut. of brg.; chiseled sq. on top of stone	814.21
Cozaddale, 1.1 mi. e. of, at highway +ing, under large oak tree; copper B. M. nail in stump	861.90
Pleasant Plain, 0.7 mi. w. of, 15 ft. e. of highway at +ing, 15 ft. n. of ry.; copper B. M. nail on stump	887.49
Pleasant Plain, opposite "Pleasant Plain House", under large maple tree; **iron post** stamped Ohio 886"	**886.190**
Pleasant Plain, 1.1 mi. e. of, road +ing B. & O. Ry.; spike in base of sign post	881.23
Pleasant Plain, 2.2 mi. e. of, at rd. +ing; spike in base of warning sign post	904.01
Windsor, 60 ft. s. of B. & O. Ry. depot, 15 ft. e. of rd.; **iron post** stpd. "Ohio 918"	**917.778**

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Windsor, 1.2 mi. e. of, at highway +ing; spike in base of warning sign post	946.22
Blanchester, 1 mi. w. of, at highway +ing; spike in base of warning sign post	945.73
1.7 mi. s. e. of Oak Ridge, s. e. by rd. to 1.1 mi. e. of Pleasant Run	
Butlerville, 0.7 mi. s. w. of, +rds., 15 ft. s. of rd. intersec.; chiseled sq. on stone	870.76
Woodville n. w. along highway to Windsor	
Woodville, n. w. cor. of A. W. Garrison's front yd., 20 ft. s. by 20 ft. e. of town pump, cen. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 91—Ohio—947"	**946.62**
Windsor station, 1 mi. s. e. of, at T rd. s., in n. e. cor. of Wesley Church Yd., by edge of road; chiseled square on flat rock	936.54
Morrow e. along C. & M. V. Ry. to Clarksville (leveled twice)	
Morrow, 0.25 mi. e. of station, on n. w. cor. of abut. of ry. brg.; chiseled sq.	653.9
Morrow, 1.75 mi. e. of; on top of masonry n. end of 2.5-ft. pipe culvert	719.38
Morrow, 2 mi. e. of, milepost 147, 550 ft. e. of and just s. e. of intersec. of n. e. and s. w. rd. and C. & M. V. Ry., on e. side of wagon rd.; **iron post** stamped "No. 52—1909—Ohio—726"	**726.402**
Morrow, 2.15 mi. e. of, 30 ft. n. of ry., and e. of highway; nail in stump	726.90
Morrow, summit 2.75 mi. e. of; ry. summit	754.0
Morrow, 3.5 mi. e. of, s. and 25 ft. e. of highway; on coping of culvert	745.87
Morrow, 3.75 mi. e. of, s. e. cor. of coping w. abut. of ry. brg.; chiseled sq.	740.97
Morrow, 4.5 mi. e. of, s. w. cor. of coping w. abut. of ry. bridge +ing Todd Fork; chiseled square	752.64
Morrow, 4.75 mi. e. of, s. e. cor. of coping n. abut. ry. brg. +ing Todd Fork; chiseled square	760.86
Morrow, 5 mi. e. of; on top of large **drift bolt** in n. w. corner of crib forming station platform at Hicks on C. & M. V. Ry., e. of Morrow	**767.972**
Morrow, 5.25 mi. e. of, coping s. e. cor. of n. abut., C. & M. V. Ry.; **chiseled sq.**	**772.894**
Morrow, 5.75 mi. e. of, on s. e. cor. of coping n. abut.; **chiseled square**	**782.148**
Morrow, 8 mi. e. of, at road +ing; **nail** in post of warning sign	**794.495**
Morrow, 8.75 mi. e. of, n. side of ry. at road +ing; **nail** in warning sign post	**813.283**
Clarksville, 2.3 mi. s. w. of, on e. side of C. & M. V. Ry., 50 ft. w. and 15 ft. s. to cen. of road +ing; **iron post** stamped, "No. 53, 1909—Ohio—799"	**799.310**
Bench mark at Kings Mills set from level line on Mason Quad.	
Kings Mills, on top of stone of s. w. abut. of iron brg. over Little Miami River, 3 ft. from end of brg. truss, and 0.3 ft. below bridge floor; **aluminum tablet** stamped "618 Cinn"	**618.502**

Mount Gilead Quadrangle

Kirkpatrick s. e. along highway to Caledonia, thence e. along C. C. C. & St. L. Ry. to Galion

	Feet
Kirkpatrick, 2 mi. e. of, at s. e. cor. of T road s.; spike in fence post, marked "1006.5"	1006.46
Kirkpatrick, 2 mi. e. by 1 mi. s. of, at s. e. cor. of +rds.; spike in fence post marked "1002.0"	1001.97
Kirkpatrick, 2 mi. e. by 2 mi. s. of, at s. e. cor. of T road; spike in fence post, marked "995.7"	995.67
Kirkpatrick, 2 mi. e. by 2.5 mi. s. of, at s. end of T road e.; spike in telephpole, marked "996.7"	996.72

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	Feet
Caledonia, 60 ft. e. of sta., between C. C. C. & St. L. Ry. and Erie Ry. tracks; **iron post** stamped "999"	**998.851**
Caledonia, 1.5 mi. e. by 1 mi. n. of, at s. w. cor. of +roads, spike in teleph. pole, marked "1006.637"	1006.58
Martel, 0.8 mi. s. by 0.5 mi. w. of, at rd. +ing, spike in post of cattle guard, marked "1033.6"	1033.50
Martel, 100 ft. s. of station; **iron post** stamped "1038"	**1037.859**
Martel, 1.8 mi. e. by 1.25 mi. n. of, at s. w. cor. of road +ing; spike in telephone pole, marked "1060.9"	1059.82
Martel, 2 mi. n. by 2.5 mi. e. of, n. of ry., at rd. +ing; **iron post** stpd. "1079"	**1078.578**
Galion, 1 mi. s. by 2.5 mi. w. of, at s. e. cor. of road +ing; spike in post of cattle guard, marked "1127.9"	1126.61
Galion, 0.8 mi. s. by 1 mi. w. of, s. of tracks, between +roads; spike in telephone pole, marked "1145.4"	1144.17
Galion, at +ing of C. C. C. & St. L. Ry. and Erie Ry., 100 ft. n. e. of +ing plant "Burt"; **iron post** stamped "1171"	**1169.344**

Point 3 mi. n. w. of Galion s. e. along highway to Galion

Galion, 3 mi. n. w. of, at stop No. 162 on Southwestern Electric Ry., s. e. cor. of T road s.; **iron post** stamped "1064"	**1064.021**
Galion, 2.5 mi. n. w. of, at Beck sta. on Southwestern Elec. Ry., n. w. cor. of +roads; spike in base of trolley pole, marked "1084.5"	1084.41
Galion, 1.5 mi. n. w. of, n. e. cor. of +roads, at schoolh.; spike in base of trolley pole, marked "1121.2"	1121.08
Galion, w. end of town, on W. Main St.. n. w. cor. of +roads, on stone curbing 3 in. w. of iron catch basin; chiseled square marked "1131.547"	1131.42
Galion, n. e. cor. of Main and Washington Sts., 20 ft. w. of ry. at station, on concrete walk; chiseled square marked "1169.030"	1168.89

Galion s. along C. C. C. & St. L. Ry. to Cardington

Galion, 0.5 mi. s. of, on top of milepost "Clev. 81"; spike marked "1172.7"	1171.50
Galion, 1 mi. s. by 0.25 mi. w. of, 200 ft. s. of road +ing, 12 ft. w. of track center; top of stone monument, marked "1163.2"	1161.96
Galion, 2 mi. s. by 0.5 mi. w. of, s. e. cor. of rd. +ing; **iron post** stamped "1168"	**1166.782**
Galion, 3 mi. s. by 1 mi. w. of, at n. e. cor. of road +ing; spike in telephone pole, marked "1159.2"	1157.89
St. James, 1.3 mi. n. e. of, 10 ft. w. of track center; top of stone monument, marked "1165.8"	1164.46
St. James, 0.3 mi. n. by 0.3 mi. e. of, 20 ft. w. of track cen.; top of n. e. cor. of concrete found'n of semaphore, marked "1165.8"	1164.46
St. James, 10 ft. w. of track cen., n. of sta.; **iron post** stamped "1160"	**1158.719**
St. James, 1 mi. s. of, 10 ft. w. of trk. cen.; top of stone monum't, mkd. "1145.6"	1144.27
St. James, 1.5 mi. s. by 0.25 mi. w. of, at s. e. cor. of +ing.; spike in post of cattle guard, marked "1137.5"	1136.09
Climax, 2.8 mi. e. of, s. e. cor. of rd. +ing; spike in tel. pole, marked "1128.3"	1126.91
Edison, 3.5 mi. n. by 1 mi. e. of, at s. e. cor. of rd. +ing; **iron post** stpd. "1110"	**1108.920**
Edison. 3 mi. n. by 0.8 mi. e. of; spike on top of milepost "Clev. 90," marked "1098.1"	1096.66
Edison, 2 mi. n. by 0.5 mi. e. of, at s. e. cor. of rd. +ing; spike in telephone pole, marked "1088.0"	1086.60

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	Feet
Edison, 1 mi. n. by 0.3 mi. e. of, 10 ft. w. of track cen.; top of stone monument, marked "1076.6"	1075.11
Edison, 1.5 mi. s. by 0.5 mi. w. of, 12 ft. w. of cen. of trk.; top of stone monument, marked "1038.392"	1038.05
Cardington, 2 mi. n. by 0.5 mi. e. of, 12 ft. w. of track cen.; stone monument marked "1038.144"	1037.81
Cardington, 1 mi. n. by 0.2 mi. e. of, 12 ft. e. of track cen.; top of concrete found'n of electric wire tower	1024.88
Cardington, 350 ft. n. of station; **Iron post** stamped "1014 Ohio"	**1013.462**

Point 2.5 mi. s. of Mount Gilead n. along T. & O. C. Ry. to point 4.8 mi. s. of Bucyrus

Mount Gilead, 2.5 mi. s. of, at s. w. cor. of road +ing; spike in teleph. pole, marked "1075.9"	1074.43
Mount Gilead, 1.4 mi. s. of, at n. w. cor. of rd. +ing; spike in teleph. pole, marked "1084.5"	1083.06
Mount Gilead, 1 mi. s. of, w. of cen. of railroad bridge at overhead road crossing; top of bolt at w. rail, marked "1077.9"	1076.44
Mount Gilead, 50 ft. s. of station; top of curbstone, marked "1096.3"	1094.87
Edison, at n. w. cor. of +ing of C. C. C. & St. L. Ry. and T. & O. C. Ry.; **Iron post** stamped "1064 Ohio"	**1062.430**
Edison, 1.5 mi. n. by 0.5 mi. w. of, at s. w. cor. of +ing; spike in teleph. pole, marked "1045.0"	1043.57
Climax, 2 mi. s. by 0.5 mi. e. of, at n. w. cor. of rd. +ing; spike in teleph. pole, marked "1034.3"	1032.88
Climax, 1 mi. s. by 0.25 mi. e. of, at n. w. cor. of rd. +ing; spike in teleph. pole, marked "1041.6"	1040.22
Climax, at s. w. corner of road crossing; **Iron post** stamped "1035"	**1033.305**
Climax, 1 mi. n. by 0.25 mi. w. of, at n. w. cor. of+ roads; spike in teleph. pole, marked "1039.7"	1038.38
Martel, 1 mi. s. by 0.25 mi. e. of, cen. beam of ry. brg. across Flat Run; top of bolt, marked "1021.5"	1020.22
New Winchester, 2.1 mi. s. of, s. w. corner of road crossing, in base of n. post of cattle guard; spike, marked "1040.5"	1040.38
New Winchester, 1 mi. s. of, on s. side of rd. at T rd. n., 30 ft. e. of ry.; spike in base of teleph. pole, marked "1029.276"	1029.17
New Winchester, 25 ft. e. of ry., s. side of rd. +ing at sta.; **Iron post** stpd. "1025"	**1025.239**
New Winchester, 1 mi. n. of, n. w. corner of road crossing, in top of n. post of cattle guard; spike marked "1024.7	1024.63
Bucyrus, 4.8 mi. s. of, n. w. corner of private road crossing, in base of telephone pole 73–20; spike marked "1025.377"	1025.28

Caledonia s. along highways to point 2 mi. s. e. of Claridon

Caledonia, 1 mi. s. of, at s. e. cor. of T rd.; spike in teleph. pole, marked "991.7"	991.62
Caledonia, 2.5 mi. s. by 0.5 mi. w. of, n. w. cor. of +rds.; **Iron post** stamped "993"	**993.297**
Claridon, at n. corner of Y road; spike in fence post, marked "991.6"	991.40
Claridon, 0.8 mi. s. of, at s. w. cor. of T rd.; spike in fence post, marked "978.8"	978.60
Claridon, 1 mi. s. of; spike in telephone pole, marked "988.1"	987.82
Claridon, 1.8 mi. s. of, n. w. wing of brg.; top of pier, marked "972.7"	972.44

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Edison w. along highway to point 2 mi. s. e. of Claridon

Edison, 0.3 mi. s. of, n. w. cor. of rd. +ing; spike in tel. pole, marked "1050.6"	1050.19
Edison, 1 mi. w. by 0.3 mi. s. of; top of w. end of lowest concrete step of J. M. Farley's house, marked "1034.8"	1034.40
Edison, 2 mi. w. by 0.3 mi. s. of, at s. w. cor. of +rds.; spike in fence post, marked "1020.1"	1019.68
Edison, 2.8 mi. w. by 0.3 mi. s. of; top of n. w. pier of brg. over Shaw Creek, marked "1000.838	1000.43
Denmark, 2.4 mi. s. w. of, at s. e. cor. of T rd.; **Iron post** stamped "1009 Ohio"	**1008.613**
Claridon, 2.25 mi. e. by 1.8 mi. s. of, at s. end of T road; spike in fence post, marked "997.399"	997.01

2 mi. s. e. of Claridon s. along rds. to 3 mi. s. w. of Claridon

Claridon, 1.8 mi. s. by 1 mi. e. of, at n. e. cor. of crossroads; top of s. w. cor. of stone step at Salem Church, marked "983.196"	982.86
Claridon, 2.25 mi. s. by 1 mi. e. of; top of n. e. pier of brg. marked "980.683".	980.31
Claridon, 2.8 mi. s. by 1 mi. e. of; top of w. end of n. beam of brg. marked "983.186"	982.82
Claridon, 3.8 mi. s. by 1 mi. e. of, at s. e. cor. of +roads; **Iron post** stamped "991 Ohio"	**990.748**
Claridon, 3 mi. s. of; top of n. e. pier of brg. over ditch, marked "973.607".	973.21

4 mi. s. e. of Claridon s. to 4 mi. w. of Cardington

Cardington, 5 mi. w. by 1 mi. n. of, at n. e. cor. of T rd; spike in teleph. pole, marked "994.680"	994.31
Cardington, 4 mi. w. by 1 mi. n. of, at s. w. cor. of crossroads; top of masonry at w. end of stone culvert, marked "992.767"	992.39

Point 2 mi. n. w. of Cardington n. w. along highway to point 4 mi. s. e. of Claridon

Cardington, 1.5 mi. w. by 1 mi. n. of, s. e. cor. of crossroad; spike in root of elm tree, marked "1004.636"	1004.26
Cardington, 2 mi. w. by 1.25 mi. n. of; top of masonry at e. end of n. w. wing of bridge over Shaw Creek, marked "983.772"	983.40
Cardington, 2.5 mi. w. by 1.5 mi. n. of; top of masonry 3 ft. from end of n. w. corner of culvert, marked "987.830"	987.47
Cardington, 3 mi. w. by 1.5 mi. n. of; top of masonry 3 ft. from n. e. corner of culvert, marked "992.931"	992.58

Mount Gilead n. e. to 2.5 mi. n. w. of Williamsport

Mount Gilead, in front of city hall; **Iron post** stamped "1148 Ohio"	**1147.375**
Mount Gilead, 0.5 mi. e. by 0.5 mi. n. of; top of masonry at east end of n. w. wing of Whetstone Creek bridge, marked "1099.379"	1098.93
Mount Gilead, 1.25 mi. n. by 1.25 mi. e. of, at n. e. corner of Y road; spike in telephone pole, marked "1182.424"	1181.97
Mount Gilead, 1.8 mi. n. by 1.8 mi. e. of, s. e. cor of T rd; **Iron post** stpd. "1219"	**1218.499**
Williamsport, 3 mi. w. of; top of masonry at w. end of n. e. wing of small brg., marked "1212.027"	1211.56
Williamsport, 2.8 mi. n. w. of, s. end of T rd; spike in tel. pole, marked "1260.203"	1259.72
Williamsport, 2.4 mi. n. w. of; top of n. w. wing of brg. marked "1249.847"	1249.35

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Mt. Sterling Quadrangle

Mt. Sterling s. w. along B. & O. S. W. Ry. to Washington C. H.

	Feet
Mt. Sterling, 2 ft. n. of main entrance to town hall building, in watertable of; **aluminum tablet** stamped "905 Columbus 1903"	**905.535**
Mt. Sterling, at s. end of station; top of e. rail	907.9
Cook, e. end of s. abut. of concrete wall of sewer under public rd. 100 ft. n. of station; chiseled square	911.41
Madison Mills, 300 ft. n. of sta., small iron brg. leading n. from sta., on top of e. end of n. abut. of; **aluminum tablet** stamped "914 Columbus 1903"	**913.487**
Madison Mills, n. end of station; top of e. rail	920.5
Bloomingburg, on s. wall at s. e. cor. of Bloomingburg mill; **aluminum tablet** stamped "980 Columbus 1903"	**980.175**
Bloomingburg, n. of station road crossing; top of e. rail	978.50
Washington C. H., on window seat at s. cor. of; **aluminum tablet** stamped "980 Columbus 1903"	**979.921**

Washington C. H. s. e. along C. H. & D. Ry. and rd. 7 mi., thence n. e. to New Holland, thence n. to Mt. Sterling

Washington C. H., 6 mi. s. e. of, on Robinson rd., on s. end of w. abut. of small iron county brg.; **aluminum tablet** stamped "888 Columbus 1903"	**887.681**
Wayne and Marion Tp. line, on e. side of road, at foot of hill; top of township line monument	853.75
New Holland, county line, n. side of road, forks to s.; top of stone monument	860.17
New Holland, s. margin of rd. and s. w. cor. of cemetery and forks to n., on Pickaway-Fayette county line; top of monument	862.11
New Holland, on foundation wall of town hall, 3 ft. n. of main entrance; **aluminum tablet** stamped "857 Columbus 1903"	**856.760**
New Holland, 1.35 mi. n. w. of, on top of e. abut. of stone culv.; chiseled sq.	870.62
Waterloo (Pancoastburg P. O.), 0.9 mi. s. of, on w. margin of Waterloo-New Holland pike, 50 ft. s. of +rds., on county line; top of monument	869.72
Waterloo, on foundation wall at s. e. cor. of public school building; **aluminum tablet** stamped "868 Columbus 1903"	**867.253**
Waterloo, 1.6 mi. n. of, on e. end of s. abut. of small iron brg.; chiseled sq.	829.59
Yankeetown, 150 ft. n. of +pikes on w. end of s. abut. of small iron bridge; chiseled square	841.04
Yankeetown, small iron bridge, w. end of n. abut.; **aluminum tablet** stamped "842 Columbus 1903"	**841.064**
Mt. Sterling, 3.35 mi. s. of, on top of e. abut. of stone culv.; chiseled square	862.85
Mt. Sterling, 1.75 mi. s. of, on w. margin of pike at Fayette-Madison county line; top of stone monument	897.17

Mt. Sterling w. along public roads via Range to Sedalia

Mt. Sterling, 2.95 mi. w. of, on n. end of e. abut. of small brg.; chiseled sq.	922.96
Chenoweth, 2.0 mi. e. of, brick schoolhouse s. side of pike at forks to s. on n. wall; **aluminum tablet** stamped "942 Columbus 1903"	**942.348**
Range, 1.7 mi. e. of, on w. wall at s. w. cor. of Bethel Church; **aluminum tablet** stamped "990 Columbus 1903"	**990.645**
Sedalia, 0.7 mi. e. of, just e. of cemetery to s., on s. end of e. abut. of iron bridge; chiseled square	1043.85

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	Feet
Sedalia, at s. e. cor. of Federal and Main Streets, on top of stone; **aluminum tablet** stamped "1071 Columbus 1903"	**1071.748**
Sedalia s. along highway to Washington C. H.	
Sedalia, 2.25 mi. s. of, on county line, on w. margin of pike; top of monument	1034.90
Yatesville, 1.7 mi. n. w. of, Green's schoolhouse, on s. wall near s. e. cor. of; **aluminum tablet** stamped "1034 Columbus 1903"	**1034.624**
Eber, 3.3 mi. n. w. of, on forks to w., n. end of e. abut. of iron bridge over Paint Creek; **aluminum tablet** stamped "1005 Columbus 1903"	**1005.940**
At point 5 mi. southeast of Washington C. H.	
C. H. & D. Ry. crossing; top of rail	917.5
Washington C. H., 5 mi. s. e. of, by rail, at turn in rd., 0.2 mi. e. of C. H. & D. Ry., oppos. one-story frame res., top of concrete base of cor. post; chiseled circle	909.59

Napoleon Quadrangle

Ridgeville Corners e. and s. along road to point 5 mi. s. of Florida, thence e. and n. to 2.5 mi. w. of Liberty Center

Ridgeville Corners, 2.58 mi. s. e. of, on end of pipe culvert at forks of road; chisel mark marked "712"	712.25
Napoleon, 2.50 mi. s. w. by 2 mi. e. of, on stone abut. of bridge, 100 feet s. of crossroads; chisel mark marked "700"	699.53
Napoleon, 4.0 mi. w. of, n. w. corner foundation of schoolh. on s. e. corner of crossroads; **aluminum tablet** stamped "702"	**701.814**
Okolona, 1.09 mi. n. by 0.87 mi. e. of, on s. side of rd. intersection; iron rod driven flush to ground, top marked "697"	697.27
Okolona, 1.09 mi. n. of, 100 feet n. of +rds., e. side of s. abutment of bridge; **aluminum tablet** stamped "702"	**702.337**
Okolona, 1.04 mi. s. of, on tile drain, n. w. cor. of rds; chiseled sq. mkd. "699"	699.48
Florida, on stone, s.e. cor. of rd. intersec., n. end of town; chiseled sq. marked "675"	675.11
Florida, iron bridge over Maumee River, e. end of n. stone abutment, top of; **aluminum tablet** stamped "671"	**671.256**
Florida, 4.13 mi. s. of, in found'n of F. Tietje's stable, 175 ft. s. of rd. corners and 150 ft. w. of road; **aluminum tablet** stamped "717"	**717.492**
Florida, 5.12 mi. s. of, at w. side of crossroads, in top of s. wing wall of iron bridge over stream; **bolt** marked "722"	**722.387**
Holgate, 3 mi. w. of, on stone culv. w. side of +rds.; chiseled sq. marked "719"	719.39
Holgate, 2.02 mi. w. of, stone abutment of culvert on n. side of road, at road intersection; **aluminum tablet** stamped "711"	**711.458**
Holgate, 1 mi. w. of, top of stone tile at forks of rd.; chiseled sq. marked "710"	709.56
Holgate, on n. e. abutment of iron bridge over creek, 100 ft. w. of rd. +ing; chiseled square marked "707"	706.81
Holgate, 2.98 mi. e. of, on top of stone drain on s. side of rd. +ing; chiseled square marked "704"	703.78
Holgate, 3.96 mi. e. of, German Lutheran Church, at n. w. cor. of crossroads, in s. w. foundation; **aluminum tablet** stamped "707"	**706.763**
Holgate, 5 mi. e. of, on stone culv. n. w. cor. of rd. +ing; chiseled sq. mkd. "703"	703.20
Malinta, 3.09 mi. s. of, on e. side of rd.; iron rod 25 in. long, driven flush to ground, marked "696"	696.10

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	Feet
Malinta, 2.85 mi. s. of, concrete brdg. over small creek at w. side of +roads, in s. w. abutment of; **aluminum tablet** stamped "694"	**694.548**
Malinta, 1.83 mi. s. of, on s. e. cor. of stone abut. of culv. at crossroads; chiseled square marked "690"	690.22
Malinta, 1.26 mi s. of, on s. e. cor. of brdg. over creek; iron bolt marked "690"	689.95
Malinta, 0.78 mi. s. of, on culv., s. w. cor. of +rds.; chiseled sq. marked "687"	687.36
Malinta, in concrete front of Levi Ritter's store, near s. e. cor. of; **aluminum tablet** stamped "687"	**687.495**
Malinta, 0.23 mi. n. of, on culv., at n. e. cor. of +rds.; chiseled sq. marked "683"	683.57
Malinta, 1.4 mi. n. of, on culv., e. side of forks of rd.; chiseled sq. marked "683"	683.56
Malinta, 2.39 mi. n. of, on culv., e. side of rd.; chiseled sq. marked "681"	681.23
Shunk, iron brg. over Turkeyfoot Creek, n. e. abut.; **aluminum tablet** stamped "668"	**668.276**
Shunk, 1.98 mi. n. of, on culv. s. w. cor. of rd. +ing; chiseled sq. marked "676"	676.50
Shunk, 2.93 mi. n. of, s. e. cor. of road forks, in brick schoolhouse; **aluminum tablet** stamped "671"	**670.789**
Near Ridgeville Corners e. on rd. to Liberty Center (precise line)	
Ridgeville Corners, 2.41 mi. e. of, +rds., schoolh. n. side of rd., front fence; **aluminum tablet** stamped "722"	**722.172**
Ridgeville Corners, 4.41 mi. e. of, +rds.; schoolh. No. 5, front face of; **aluminum tablet** stamped "706"	**706.030**
Ridgeville Corners, 7.36 mi. e. of, +rds., w. end of n. abut. of brg.; **aluminum tablet** stamped "682"	**682.338**
Liberty Center, 2.4 mi. w. of, +rds., schoolh. entrance; **aluminum tablet** stpd. "678"	**678.211**
Liberty Center, crossing of Wabash Railroad west side of town; top of rail..	680.6
Liberty Center, town house, front face of; **aluminum tablet** stamped "686"	**685.694**
Point 3 mi. n. of Liberty Center s. along highways to Liberty Center	
Liberty Center, 3 mi. n. of, at s. w. cor. of crossroads; **iron post** stamped "Prim. Sta. No. 31—1905—689"	**689.525**
Liberty Center, 2 mi. n. of, at n. w. cor. of crossroads; spike in corner post, painted "T. B. M. 685.3"	685.42
Liberty Center, 1 mi. n. of, at s. w. corner of crossroads: spike in post, painted "T. B. M. 679.9"	680.08

Navarre Quadrangle

Massillon s. along W. & L. E. Ry. to point 2.5 mi. s. of Navarre	
Navarre, 0.7 mi. n. of sta., in e. end of n. abut. of W. & L. E. Ry. brg. No. 142-A on Toledo Division; **bronze tablet** stamped "916 Canton"	**915.507**
Navarre, at road crossing; top of rail	921.2
Navarre, 2.5 mi. s. of, on w. end of pier of highway bridge over Tuscarawas River; chisel mark	915.65
Wilmot n. w. along highway to Kidron	
Wilmot, 1.1 mi. n. w. of, on e. abut., s. side of brg. over Middle Fork (Sugar Creek) at Y rd.; chiseled square	1000.46
Wilmot, 1.6 mi. n. w. of, on n. side of rd.; paint spot on large rock	1113.72

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Wilmot, 2.1 mi. n. w. of, s. side of rd. at private lane n.; painted circle on rock	1176.99
Wilmot, 2.4 mi. n. w. of, s. of Mt. Eaton rd. at T rd. n.; **iron post** stamped "1184"	**1184.168**
Wilmot, 3.1 mi. n. w. of, on s. abut. w. side of brg. over creek; chiseled square	1026.33
Wilmot, 4.1 mi. n. w. of, at s. e. cor. of +roads at guide post marked "Mt. Eaton 2 mi., Justus 2 mi."; chiseled square on stone	1197.05
West Lebanon (Pem sta.), 0.7 mi. e. of, on n. abut., e. side of brg. 300 ft. s. of ry.; chiseled square	986.30
West Lebanon (Pem sta.), n. side of ry., on right-of way, 25 ft. e. of wagon road; **iron post** stamped "988"	**988.126**
West Lebanon, 1.1 mi. w. of, 50 ft. n. of ry. at ry. +ing, on s. abut., e. side of brg. over North Fork (Sugar Creek); chiseled square	1001.64
West Lebanon, 1.7 mi. w. of, on s. abut., w. side of bridge over North Fork (Sugar Creek), at ry. +ing; chiseled square	1013.08
West Lebanon, 3.4 mi. w. of, 60 ft. n. of ry. at ry. +ing on n. abut., e. side of brg. over North Fork (Sugar Creek); **chiseled square**	**1077.004**
Kidron, cen. of town, s. w. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 38—1104"	**1103.849**
Kidron, 0.6 mi. w. of; top of new locust **post**, at s. e. corner of ry. +ing (on Millersburg Quad.)	**1126.731**

Canal Dover w. along highway to Sugar Creek, thence n. along railroad to Beach City

Canal Dover, 1.7 mi. w. of, in cen. of road at T road n.; paint spot on top of large rock, painted "945.3"	945.06
Canal Dover, 2.5 mi. w. of; chiseled sq. on s. end of culv., painted "914.5"	914.28
Canal Dover, 3.5 mi. w. of, n. of rd. at T rd. s.; **iron post** stamped "932"	**932.005**
Canal Dover, 4.4 mi. w. of, at n. w. cor. of +roads; chiseled square on large rock, painted "997.5"	997.33
Canal Dover, 4.9 mi. w. of, near cen. of rd. at T lane n.; paint spot on stone, painted "1067.3"	1067.11
Sugar Creek, 2.3 mi. e. of, n. w. cor. of T rd. n.; **iron post** stamped "1038"	**1037.508**
Sugar Creek, 1.5 mi. e. of, s. w. cor. of +roads; **iron post** stamped "Prim. Trav. Sta. No. 41—1003"	**1002.574**
Sugar Creek, 0.6 mi. n. of, 200 ft. e. of ry.; paint spot on bolt head w. end n. side of wagon brdg. over Little Sugar Creek, painted "986.6"	986.50
Sugar Creek, 175 ft. n. of sta., 15 ft. e. of public rd.; **iron post** stamped "992"	**992.000**
Sugar Creek, s. end of station platform; top of e. rail	990.7
Sugar Creek, 1.3 mi. n. of, 25 ft. e. of railroad at railroad +ing; paint spot on top of cast iron culv. under wagon road	978.70
Sugar Creek, 2.1 mi. n. of, w. side of public rd., 15 ft. e. of railroad crossing, on stone; chiseled mark painted "980.2"	980.03
Barrs Mills, 150 ft. s. of ry. +ing, on n. abut. w. side of ry. brdg.; chiseled sq.	975.41
Barrs Mills, 490 ft. n. of railroad station at railroad crossing, 25 ft. w. of W. & L. E. Ry. on railroad right-of-way; **iron post** stamped "969"	**968.407**
Barrs Mills, 1 mi. n. of, 9 ft. e. of ry. at whistle post; chiseled sq. on large rock, marked "Barrs Mills 1 mile" on whistle post	972.42
Dundee, 0.9 mi. s. of, 20 ft. n. of ry. at ry. +ing; rail spike in base of tel. pole, painted "970.6"	970.45
Dundee, 0.1 mi. s. of; chiseled sq. on n. abut. w. side of ry. brdg., painted "969.2"	969.01

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Dundee, in s. w. cor. of sta. platform; top of drift bolt head, painted "969.4"	969.25
Dundee, in front of sta., on W. & L. E. Ry. right-of-way; **iron post** stpd. "972"	**971.702**
Dundee, 1.2 mi. n. of, on n. abut., w. side of ry. brdg.; chiseled sq. painted "959.9"	959.76
Dundee, 2.1 mi. n. of, on s. end w. side of trestle; 1st drift bolt head, painted "958.9"	958.73
Dundee, 2.5 mi. n. of, 40 ft. w. of railroad, at railroad +ing; spike in base of teleph. pole, painted "960.4"	960.24
Dundee, 2.5 mi. n. of, 60 ft. n. of teleph. pole 1810, on right-of-way of W. & L. E. Ry., 60 ft. w. of railroad; **iron post** stamped "960"	**959.836**
Beach City, 1.2 mi. s. of; chiseled square on top of coping stone, stone arch culvert, n. end w. side, painted "982.4"	982.21
Beach City, 220 ft. s. of sta.; spike in base of teleph. pole on w. side of railroad at railroad +ing, painted "1007.9"	1007.73
Beach City, n. w. cor. of first step from sidewalk to walk to n. entrance of schoolh.; painted circle painted "1006.3"	1006.10
Beach City, n. w. cor. of schoolh.; **iron post** stamped "1009"	**1008.838**
Beach City, Baltimore & Ohio R. R. crossing; 75 feet n. of station	968.6

Beach City w. and s. w. along highway to Mount Hope

Beach City, 0.9 mi. w. of W. & L. E. sta., at green house; **chiseled square** on s. w. cor. of n. w. cor. of crossroads	**1004.752**
Wilmot, 0.4 mi. e. of, s. e. cor. of T rd. s.; chiseled sq. on stone, painted "1083.3"	1083.17
Wilmot, at s. e. cor. of T rd. s.; top of large rock, painted "1017.4"	1017.25
Wilmot, s. side of Maple Street at T rd. w. to Winesburg, 75 ft. e. of Methodist Episcopal Church; **iron post** stamped "1024"	**1023.496**
Wilmot, 0.5 mi. w. of, on n. side of, under wagon rd., stone-arch culv. 300 ft. w. of T rd. s.; chiseled square	1018.87
Wilmot, 0.9 mi. w. of, s. end of stone culv. under wagon rd., on Stark-Holmes county line; sq. painted "1019.3"	1019.11
Wilmot, 2.8 mi. s. w. of T rd. s.; chiseled sq. on found'n of barn, painted "1039.0".	1038.90
Wilmot, 2.8 mi. s. w. of, in n. w. cor. of lot owned by Christian Weiss, 25 ft. n. e. of house; **iron post** stamped "1039"	**1038.837**
Winesburg, 1.4 mi. n. e. of, on n. side of stone-arch culv.; chiseled square painted "1079.3"	1079.16
Winesburg, w. end of, first step from bottom to schoolh. from main street; painted "1306.3"	1306.17
Winesburg, in s. w. cor. of schoolh. yd., 325 ft. w. of +rds.; **iron post** stamped "1311"	**1311.316**
Winesburg, 0.6 mi. w. of; chiseled sq. on large stone at top of hill at private road, painted "1287.5"	1287.43
Winesburg, 2.5 mi. w. of, at s. e. cor. of +roads, about 500 ft. w. of schoolh.; **iron post** stamped "Prim. Trav. Sta. No. 39—1186"	**1185.423**

Winesburg s. w. along highway to Charm

Winesburg, 1.3 mi. s. of, e. end of stone culv.; chiseled sq. painted "1026.3"	1026.14
Trail, center of; top of post at s. w. cor. of +roads, painted "1013.2"	1012.95
Walnut Creek, 2.8 mi. n. of, n. w. cor. of +rds., at guidepost marked "Dundee 4½ mi., Berlin 4 mi., Trail 1 mi., Walnut Creek 3 mi.;" **iron post** stpd. "1156"	**1155.825**
Walnut Creek, 1.6 mi. n. of, on n. end of concrete culv. at T road e.; chiseled square painted "1054.8"	1054.68

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	Feet
Walnut Creek, 0.6 mi. n. of, on e. abut., n. end of small concrete bridge at crossroads; **chiseled square**	**1003.853**
Walnut Creek, s. e. cor. of +rds., on curb opposite postoffice; **chiseled square**	**1190.375**
Walnut Creek, 1 mi. w. of, n. e. cor. of T rd. n.; spot on rock, painted "1165.1"	1165.06
Walnut Creek, in front of schoolh., w. side of yd.; **iron post** stamped "1198"	**1197.458**
Walnut Creek, 0.6 mi. s. of, s. w. corner of +rds., on stone; **chiseled square** painted "996.5"	**996.403**
Walnut Creek, 1.6 mi. s. w. of; spot on s. end of culv. under rd., painted "1011.3"	1011.20
Walnut Creek, 3.1 mi. s. w. of, 550 ft. e. of Shelter schoolh.; **iron post** stamped "Prim. Trav. Sta. No. 40—1040"	**1040.015**
Walnut Creek, 3.1 mi. s. w. of, about 600 ft. e. of Shelter schoolhouse, on s. abut., w. side of brg. at T rd. n.; chiseled square painted "1028.3"	1028.24

Point 4.25 mi. s. of Massillon s. to point 2 mi. n. w. of Canal Dover (precise line)

Massillon, 4.25 mi. s. of, in n. end of w. coping of large arch culv., near where old line is crossed by present line; **copper bolt** (B. & O. B. M. 17)	**940.066**
Navarre, about 0.8 mi. n. e. of, in s. w. end of s. e. coping of large stone arch, 450 ft. s. w. of first W. & L. E. Ry. +ing; **copper bolt** (B. & O. B. M. 18)	**980.909**
Navarre, 0.8 mi. s. w. of, at milepost 89; section of rail set vertically in ground (B. & O. B. M. 19)	**1003.488**
Justus, 0.5 mi. n. of, 300 ft. s. of W. & L. E. Ry. +ing, in n. end of w. coping of small culv. at teleg. pole 88 5; **copper bolt** (B. & O. B. M. 20)	**1000.364**
Justus, 0.5 mi. s. of, in w. end of s. abutment of arch culvert near milepost 87; **copper bolt** (B. & O. B. M. 21)	**976.711**
Justus, 1.5 miles s. of, in w. end of s. abutment of arch culvert at telegraph pole 86; **copper bolt** (B. & O. B. M. 22)	**974.910**
Beach City, 1 mile n. of, in s. end of w. coping of stone culvert for traction line near railroad; **copper bolt** (B. & O. B. M. 23)	**976.079**
Beach City, 800 ft. n. of station, in w. end of s. abutment of brdg. over creek; **copper bolt** (B. & O. B. M. 24)	**969.456**
Beach City, 0.8 mile s. e. of, in s. w. end of s. e. abut. of bridge; **copper bolt** (B. & O. B. M. 25)	**961.937**
Beach City, 2 mi. s. e. of, in s. w. end of back wall, n. w. abutment of bridge; **copper bolt** (B. & O. B. M. 26)	**944.603**
Strasburg, 2 mi. n. w. of, at milepost 81; **section of rail** set vertically in ground (B. & O. B. M. 27)	**929.665**
Strasburg, 1 mi. n. w. of, at milepost 80; **section of rail** set vertically in ground (B. & O. B. M. 28)	**924.741**
Strasburg, at milepost 79; **section of rail** vertically in ground (B. & O. B. M. 29)	**914.099**
Strasburg, about 0.8 mi s. e. of, in s. w. end of back wall of s. e. abutment of bridge; **copper bolt** (B. & O. B. M. 30)	**912.671**
Strasburg, about 1 mi. s. e. of, near milepost 78, in first course of masonry, s. e. end of s. w. abut. of trolley overhead bridge; **copper bolt** (B. & O. B. M. 31)	**909.698**
Strasburg, about 2 mi. s. e. of, 500 ft. n. w. of milepost 77, in s. e. end of s. w. coping of culvert; **copper bolt** (B. & O. B. M. 32)	**901.593**
Strasburg, 3 mi. s. e. of, in s. end of w. coping of culvert, telegraph pole 76/6; **copper bolt** (B. & O. B. M. 33)	**897.046**
Canal Dover, 2 miles n. w. of, at milepost 75; **section of rail** set vertically in ground (B. & O. B. M. 34)	**886.023**

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Newark Quadrangle

Union Station e. along B. & O. Ry. and Penna. Ry. to Hanover

Newark, on e. side of courth., in stone step; **aluminum tablet** stamped "836".	**836.037**
Newark, 2.4 mi. e. of, in sandstone abut. of iron brg. on s. side of rd. at forks to n. and s., on s. of blacksmith shop; **aluminum tablet** stamped "820".....	**819.445**
Claylick, in sandstone abut. of county brg. over canal, on w. side of road of s. side of Ohio Electric Ry.; **aluminum tablet** stamped "790" (destroyed)...	**789.982**
Hanover, s. w. cor. of bridge, in sandstone abut.; **aluminum tablet** stamped "784"	**783.651**
Hanover, in front of P. C. C. & St. L. Ry. station; top of south rail	843.4

Newark south along Baltimore and Ohio Railroad 4.5 miles

Newark, 2.8 mi. s. of, in sandstone abut. on s. e. cor. of railroad bridge; **aluminum tablet** stamped "844".....	**844.232**
Thornville, 7.2 mi. n. of, in stone doorstep, n. end of schoolh. on e. side of ry., 150 ft. from track; **aluminum tablet** stamped "895"	**895.241**

Newark north along Baltimore and Ohio Railroad to Utica

Newark, 3.3 mi. n. of, large brick house on e. side and 100 ft. from road, in sandstone foundation; **aluminum tablet** stamped "887".....	**886.759**
St. Louisville, 2.8 miles s. of, on e. side of rd. and e. side of railroad, 60 ft. from rd., in sandstone post; **aluminum tablet** stamped "882"	**881.722**
St. Louisville, 0.4 mi. n. of, in sandstone abutment of old covered bridge, in s. w. corner of bridge; **aluminum tablet** stamped "907"	**906.255**
Utica, s. end of city hall bldg., in stone doorstep; **aluminum tablet** stpd. "966"	**965.800**

Hanover n. to Long Run, thence westerly and n. w. to Utica

Hanover, 2.6 mi. n. of, in stone culv., w. side of rd.; **aluminum tablet** stpd. "813"	**812.666**
Hanover, 6.5 mi. n. of, road fork on w., in sandstone abut. of county bridge over Rocky Fork; **aluminum tablet** stamped "854".....	**853.358**
Hanover, 10 mi. n. of, in s. e. corner of bridge, in sandstone abut. of old covered bridge; **aluminum tablet** stamped "879".....	**878.807**
Purity, in concrete doorstoop of town hall; **aluminum tablet** stamped "1173"..	**1173.003**
Purity, 1 mi. n. by 1.5 mi. w. of, private house on n. e. corner of +roads, in sandstone doorstoop; **aluminum tablet** stamped "1107"	**1106.506**
Utica, 1.5 mi. e. of, schoolh. on n. side of rd., in sandstone foundation; **aluminum tablet** stamped "1098".....	**1098.010**

Claylick s. e. along B. & O. Ry. to Toboso

Claylick, in front of station; top of rail.....	785.4
Toboso, 2.70 mi. w. of, on n. e. abut. of iron bridge over creek, n. side of track; **aluminum tablet** stamped "776" (destroyed).....	**776.040**

Claylick south along highway 3.7 miles

Claylick, 4 mi. s. of, in s. part of grounds of Boodle schoolh., 57 ft. s. of s. w. corner; **iron post** stamped "Prim. Trav. Sta. No. 44" (Elev. 886.535?)	**876.535**

Point near Utica s. to Utica, thence e. 2.5 miles

Utica, 1.1 mi. n. of, 25 ft. s. of ry. +ing on e. side of ry.; spike in base of tel. pole	·980.13
Utica, in front sandstone doorstep of city building; **aluminum tablet**.....	**965.800**

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	Feet
Utica, 1.2 mi. e. of, 40 ft. e. of T road n., 25 ft. s. of small gas-test house; highest point on 4-inch gas pipe	1046.62
Utica, 2.5 mi. e. of, at brg., 100 ft. s. of T rd. w.; chiseled sq. on top of w. abut.	1055.75

New Comerstown Quadrangle

West Lafayette e. via New Comerstown to Bernice

West Lafayette, 0.9 mi. e. of; spike in base of milepost "P-115"	791.40
West Lafayette, 1.9 mi. e. of; spike in base of milepost "P-114"	781.29
West Lafayette, 2.9 mi. e. of; spike in base of milepost "P-113"	789.26
Isleta, 0.2 mi. w. of, railroad crossing; top of rail	791.9
Isleta in front of atation; top of rail	792.1
Isleta, 265 ft. e. of sta., 25 ft. n. of track, in ry. culv.; **aluminum tablet** stpd. "791"	**790.637**
Isleta, 0.8 mi. e. of; spike in base of milepost "P-111"	791.20
Isleta, 1.8 mi. e. of; spike in base of milepost "P-110"	797.07
Isleta, 2.8 mi. e. of; spike in base of milepost "P-109"	800.52
New Comerstown, in front of station; top of rail	802.9
New Comerstown, in foundation of high school building, 6 ft. s. of entrance from College Street; **aluminum tablet** stamped "809"	**808.623**
Bernice, 3.76 mi. w. of, s. side of thorn tree, at T road s.; paint mark on rock	797.48
Bernice, 2.75 mi. w. of; chiseled sq. on n. abut. w. side of culv., marked "798.9"	799.92
Bernice, 2.0 mi. w. of, in n. abutment e. side of iron brg. over Dunlap Creek; **aluminum tablet** stamped "802"	**803.178**
Bernice, 0.6 mi. n. w. of, on w. abut. n. side of brg.; chiseled sq., painted "811.9"	812.88
Bernice, 1013 ft. e. of, at Y road, on large rock on n. side of small concrete culv.; chiseled square, painted "822.55"	823.48

West Lafayette southeast two miles

West Lafayette, in n. w. cor. of public school grounds 120 ft. s. of Penna. Ry.; **iron post** stamped "Prim. Trav. Sta. No. 58—809"	**809.351**
West Lafayette, 1.43 mi. s. e. of; spike in teleph. pole at T rd. e., marked "820 3".	820 33

New Comerstown n. along Pennsylvania Railroad to Joyce
(the error distributed in this line is excessive)

New Comerstown, 1 mi. n. of, at n. e. cor. of ry. +ing in base tel. pole; spike	806.87
New Comerstown, 2.4 mi. n. e. of, about 0.1 mi. e. of rd. forks, at rd. +ing, in top of s. wing of e. abut. of steel bridge; chiseled square	815.50
New Comerstown, 3.0 miles n. e. of, 550 ft. e. of Penna. Ry. w. side of rd., at forks T road east; **iron post** stamped "827"	**826.953**
Wolf station, 100 ft. s. of sta., at s. end of platform, in foundation of mail stand; bolt head	835.45
Wolf station, 1.1 mi. n. of, at foot of milepost "C. D. 14-M 89" in top of cen. post of rail stand; copper B. M. nail	843.71
Wolf station, 1.7 mi. n. of, 0.1 mi. e. of +rds., 75 ft. s. of +ing., on w. side of rd., in foot of telegraph pole; spike	858.09
Wolf sta., 2.6 mi. n. of, 30 ft. e. by 10 ft. s. of overhead ry., +ing; **iron post** stamped "890"	**889.652**
Wolf sta., 2.7 mi. n. of, n. end of over-head ry. +ing; top of bolt head, painted	905.99

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	Feet
Wolf station, 3.0 mi. n. of, 40 ft. n. of rd. +ing., 5 ft. e. of rd., in bottom of whistle board; spike	920.92
Wolf sta., 3.3 mi. n. of, 30 ft. s. w. of ry., at rd. +ing, in foot of tel. pole; spike	933.92
Wolf sta., 3.5 mi. n. of, 100 ft. n. of old switch to mine, rd. +ing; top of rail	947.6
Stone Creek, 0.1 mi. s. of, w. of ry., at rd. +ing, in bottom of tel. pole; spike	933.21
Stone Ck., 0.1 mi. s. of, n. end of wooden ry. culv. at rd. +ing; mark on bolt head	930.74
Stone Creek, in foundation at n. w. corner of P. E. Buehler's grocery; **aluminum tablet** stamped "932"	**931.648**
Stone Creek, 0.4 mi. n. of, first joint n. of tel. pole No. 910; top of rail, +cut	923.59
Stone Ck., 1.9 mi. n. of, rd. +ing., n. abut. of brg. over stream; chiseled sq.	905.82
Black Band P. O., s. w. cor. of building, in ft. of tel. pole; spike	901.30
Stone Ck., 3.1 mi. n. of, 20 ft. e. of ry., at private rd. +ing.; **iron post** stpd. "901"	**900.880**
Stone Creek, 3.9 mi. n. of, 100 ft. s. of rd. +ing, on n. end of wooden bridge over stream; bolt head	888.84
Stone Creek, 4.6 mi. n. of, rd. +ing, milepost marked "M 98 and C. D. 5", sec. post 2-1; mark on top s. end of post of rail support	882.32
Joyce, 20 ft. w. of rd. +ing, opposite store bldg., in bottom of teleph. pole; spike	884.12

West Lafayette n. along W. & L. E. Ry. to Chili (Pearl P. O.)

West Lafayette, e. of Penna. Ry. sta., cen. of rd. +ing; top of n. rail of n. track	802.4
West Lafayette, 1.4 miles n. of, in top of w. wing of n. abutment of steel highway bridge over Tuscarawas River; chiseled square	778.73
West Lafayette, 1.6 mi. n. of, rd. +ing at canal, in w. wing of s. abut. of canal bridge, in top of; chiseled square	782.33
West Lafayette, in front of W. & L. E. Ry. sta., at road crossing; top of rail	777.0
West Lafayette, 2.3 mi. n. of, rd. +ing, on W. & L. E. Ry. e. right-of-way line, n. side of rd., inside of fence cor.; **iron post** stamped "779"	**779.269**
Fresno station, 0.8 mi. s. of, opposite milepost "C 106 Z 38", 25 ft. s. of sec. post "21 and 22", in top of cen. post of rail stand; copper B. M. nail	783.45
Fresno, in front of station; top of rail	788.4
Fresno, 110 ft. w. of W. & L. E. Ry. in s. cor. of schoolh. grounds; **iron post** stamped "Prim. Trav. Sta. No. 27—1907—785"	**784.999**
Fresno, 0.7 mi. n. of, at n. end on w. side of ry. brdg. No. 104-B; bolt head	795.63
Fresno, 1.1 mi. n. of, rd. +ing, e. side of track, n. side of public rd., in top of post at foot of n. cattle guard; copper B. M. nail	798.23
Chili station, (Pearl P. O.) 120 ft. s. of sta., w. side of track, at rd. +ing, in base of n. cattle guard; copper B. M. nail	822.79
Chili station, s. end of platform, 35 ft. e. of track, 50 ft. w. of crossroads; **iron post** stamped "Prim. Trav. Sta. No. 26—1907—823"	**822.757**
Chili station, 0.1 mi. w. of, s. e. cor. of rd. forks, top of rock; chiseled sq.	833.97
Chili station, 0.9 mi. w. of, at s. w. cor. of crossroads, at foot of mail box post, 15 ft. w. of fence corner; **iron post** stamped "993"	**993.143**

Sugar Creek s. w. along railroad to New Bedford

Sugar Creek, 0.6 mi. s. of; paint spot on top of e. end of large iron pipe under railroad, painted "985.6"	985.39
Sugar Creek, 3.4 mi. s. of, 25 ft. w. of railroad, 10 ft. s. of wagon road; **iron post** stamped "998," painted "998.4"	**998.226**
Baltic, in yard at Bixler Hotel; **iron post** stamped "1041"	**1041.305**

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Baltic, 2.6 mi. w. of, at Y road; **iron post** stamped "1151"	**1150.916**
Baltic s. e. along highway to Stone Creek	
Fiat schoolh., in n. w. cor. of found'n; **aluminum tablet** stamped "1089"	**1088.983**
Baltic, 4 mi. e. of, on e. side of small rock culv.; chiseled sq. painted "1048.8"	1048.57
Baltic, 5.4 mi. e. of, on e. end of arch culv. at T rd.; chiseled sq. painted "1068.2"	1067.94
Baltic, 6 mi. e. of, about 500 ft. e. of Wm. Thomas' res.; **iron post** stpd. "1126"	**1126.132**
Stone Creek, 3.5 mi. w. of, n. w. cor. of Angel schoolh. yd.; **iron post** stpd. "970"	**970.398**
Stone Creek, in found'n at n. w. cor. of P. E. Buehler's store; **aluminum tablet** stamped "932"	**931.648**
Near Guernsey n. e. via Penn. Ry. to Port Washington (precise line)	
Guernsey, 6.69 mi. n. of, Pennsylvania lines and C. & M. Ry. +ing; top of rail	803.0
New Comerstown, front step of Fountain Hotel, n. w. corner, 1 foot from sidewalk; **aluminum tablet** stamped "805"	**805.191**
New Comerstown, 3.69 mi. e. of, 40 ft. n. of track; **iron post** stamped "804"	**804.718**
New Comerstown, 5.42 mi. n. e. of, on stone found'n of Pennsylvania Ry. company's water tank; **chiseled square** (railroad bench mark 816.10)	**817.874**
Port Washington, 30 ft. s. of ry., 20 ft. w. of highway; **iron post** stamped "817"	**817.856**
Port Washington, in front of station; top of rail	820.2

New Lexington Quadrangle

Rehoboth s. along New York Central Ry. to Glouster	
Rehoboth, 1150 ft. s. of, s. abut. e. side of cov. brg.; **aluminum tablet** stpd. "894"	**894.336**
New Lexington, 0.3 mi. n. of courthouse, 40 ft. s. of Cincinnati and Muskingum Valley Railroad, at n. w. cor. of scales; top of bolt head	866.24
New Lexington, school yard; **stone post** marked "U. S. C. 1904 & G. S."	**942.405**
New Lexington, in foundation 5 ft. from n. e. cor. on n. side of courthouse; **aluminum tablet** stamped "Prim. Trav. Sta. No. 1—958"	**958.174**
New Lexington, 1.4 mi. s. of, on stone on e. side of railroad at first tunnel s. of New Lexington; chisel mark	930.21
Moxahala, in front of station, at n. end of platform; top of e. rail	827.0
Moxahala sta., 860 ft. s. of, abut. e. side of brg.; **aluminum tablet** stamped "829"	**828.457**
Corning, in foundation of, Kanawha and Michigan sta., on w. side at sixth guard post from n. end; **aluminum tablet** stamped "728"	**728.234**
Corning, 2.4 mi. s. of, 100 ft. n. of road crossing, in s. abutment e. side of iron bridge; **aluminum tablet** stamped "711"	**711.406**
Burr Oak, 0.5 mi. n. of, on e. abut. n. side of brg. at rd. +ing; chiseled sq.	699.51
Burr Oak, in front of station; top of rail	698.4
Palos, in found. of, turn table of M. C. & C. Ry.; **aluminum tablet** stpd. "699"	**698.990**
Glouster, 1 block w. of Main Street, s. of livery stable, in n. e. cor. of county bridge over Sunday Creek; **aluminum tablet** stamped "682"	**681.282**
Junction City s. e. and s. to Bristol	
Junction City, 3.65 mi. s. e. of, 50 ft. w. of rd. +ing, in s. e. abut. on wagon bridge over stream; **aluminum tablet** stamped "879"	**878.402**
Bristol, in front of station at road crossing; top of rail	914.7

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Crooksville s. to Corning, thence westerly to Dixie

	Feet
Tropic station, 260 ft. s. of, w. of railroad, in w. end of s. abut. of iron railroad bridge; **aluminum tablet** stamped "767—1908"	**767.171**
Misco, in front of station; top of rail marked "780"	779.5
Misco, 2.04 mi. s. of, 125 ft. w. of ry., at s. w. cor. of wagon brg. over creek, in sandstone outcrop of w. side of creek; **aluminum tablet** stamped "813—1908"	**812.344**
Sayre, in front of station; top of rail marked "850"	849.4
Sayre, 2.48 mi. s. of, w. of ry., 15 ft. n. of rd. +ing, 2 ft. n. of cattle guard, in limestone rock; **aluminum tablet** stamped "915—1908"	**914.679**
Rendville, 0.3 mi. s. of, in s. e. cor. of s. abut. of Kanawha and Michigan iron bridge; **aluminum tablet** stamped "752"	**751.464**
Corning, 2.15 mi. w. of, n. of tracks, 50 ft. e. of e. end of tunnel; point on sandstone rock, marked "869"	869.06
Congo, 75 ft. n. e. of sta., 50 ft. e. of ry., 5 ft. s. of entrance to butcher shop in w. found'n wall of Sunday Creek Company's store No. 108; **aluminum tablet** stamped "833—1908"	**833.512**
Congo, in front of station; top of rail marked "830"	830.6
Drakes, in front of station; top of rail	740.7
Buckingham, in front of station; top of rail	747.5
Hemlock, 45 ft. s. of postoffice, 100 ft. s. of ry., e. of rd., at n. e. cor. of highway brg. over creek in sandstone abut.; **aluminum tablet** stamped "765—1908"	**764.835**
Shawnee, 100 ft. n. of Zanesville and Western sta., in n. w. abut. of highway bridge over creek; **aluminum tablet** stamped "803—1908"	**803.001**
Shawnee, in front of B. & O. station; top of rail marked "794"	794.2
McCuneville, road crossing at station; top of rail marked "775"	775.3
McCuneville, at n. w. edge of public school, 2 ft. in front of e. end; **iron post** stamped "Prim. Trav. Sta. No. 2—778—1907"	**778.489**
McCuneville, 1.18 mi. n. w. of, 115 ft. n. of ry. +ing, on e. cor. of s. stone abut. of iron highway bridge; cross marked "804"	804.62
Old bench mark on w. corner of same abutment; marked "B. M. 804.9"	804.61

Crooksville w. via New Lexington to Junction City

Crooksville, 1.2 mi. s. w. of, at mi. post "T-31" and sec. post "8-9," on s. e. cor. of e. abut. of sandstone culv.; chiseled square marked "762"	761.98
McLuney, 30 ft. s. of tracks, 100 ft. n. of front entrance to store kept by Baughman and Blackburn, on land owned by Chas. Meyers; **iron post** stamped "Prim. Trav. Sta. No. 65—805"	**805.259**
McLuney, in front of station; top of rail marked "808"	807.8
McLuney, 2.61 mi. w. of, at Goston flag station, 5 ft. e. of milepost "T-35;" top of rail section driven in ground, marked "921"	920.55
McLuney, 2.93 mi. w. of, 0.3 mi. w. of Goston siding, n. of railroad in center of sandstone culv. No. 38; **aluminum tablet** stamped "911—1908"	**911.310**
McLuney, 4.61 mi. w. of, at milepost "T-37;" on n. end of e. steel beam of railroad bridge No. 40; cross, marked "875"	874.88
New Lexington, Union sta., on n. w. cor. of platform; chiseled sq. mkd. "861.2"	861.22
New Lexington, Union sta., 1.42 mi. w. of, 20 ft. e. of ry. +ing, in s. abut. w. end of small rock culv.; **aluminum tablet** stamped "848"	**848.020**

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New London Quadrangle

Wakeman s. via Clarksfield and New London to Hereford

	Feet
Wakeman, 1.5 mi. s. of, in found'n wall of res. of Mason Sheldon, s. end of e. face; **aluminum tablet** stamped "876 ADJ 1903"	**877.091**
Clarksfield, w. end of, n. face of schoolh.; **aluminum tablet** stpd. "909 ADJ 1903"	**910.234**
Clarksfield, 2.5 mi. s. by 1.5 mi. e. of, in top of brg. seat of brg. over East Branch Vermilion River, n. end, e. abut.; **aluminum tablet** stamped "901 ADJ 1903"	**901.339**
Clarksfield, 3.81 mi. s. of, at 4 cor. s. end of e. face, in watertable of brick church; **aluminum tablet** stamped "934 ADJ 1903"	**934.792**
New London, in cen. of n. face of found'n wall of Methodist Church; **aluminum tablet** stamped "991 ADJ 1903"	**992.055**

New London e. to 3 mi. n. of Sullivan, thence n. to Kipton

New London, 6.0 mi. e. of, 200 ft. e. of +roads, in top of s. end of e. abut. of highway brg. over small creek; **aluminum tablet** stamped "974 ADJ 1903"	**974.647**
Rochester Station, in foundation wall of store of D. B. Swift; **aluminum tablet** stamped "934 ADJ 1903"	**934.385**
Brighton, 3.29 mi. n. of Rochester, in s. end of w. face of town hall, water-table; **aluminum tablet** stamped "906 ADJ 1903"	**906.519**
Brighton, 4.66 mi. n. of, in found'n wall of Baptist Church, at 4 cor., n. end of e. face; **aluminum tablet** stamped "871 ADJ 1903"	**871.713**

Collins s. along highway and e. along railroad to Clarksfield

Collins, 2.6 mi. s. of, 0.25 mi. n. of Hartland sta.; in found'n wall of res. of William Dabon, cen. of w. face; **aluminum tablet** stamped "937 ADJ 1903"	**937.936**
Hartland sta., 0.25 mi. n. of, at n. w. cor. of + roads; chiseled square on stone culvert, painted "936.9"	936.22

Near Collins s. to Fitchville, thence e. to New London

Hartland, 5.51 mi. s. of Collins, e. end of n. face of foundation wall of res. of W. H. Darling; **aluminum tablet** stamped "946 ADJ 1903"	**947.160**
Hartland, 2.65 mi. s. by 1 mi. e. of, 700 ft. s. of rd. fork, in found'n wall of res. of W. W. Meade, e. end of n. face; **aluminum tablet** stamped "948 ADJ 1903"	**948.620**
Fitchville, in found'n wall of Methodist Church, e. end of s. face; **aluminum tablet** stamped "995 ADJ 1903"	**995.620**

Fitchville s. about 5 mi., thence e. via Ruggles to Hereford

Fitchville, 4.76 mi. s. of, in found'n wall of res. of W. P. Brown, s. end of w. face; **aluminum tablet** stamped "1065 ADJ 1903"	**1065.286**
Ruggles, in found'n wall of Methodist Church, s. end of w. face; **aluminum tablet** stamped "1103 ADJ 1903"	**1103.566**

Rochester Station e. to 3.75 mi. s. of Wellington

Rochester Station, 3.01 mi. e. of, 500 ft. e. of 3 cor., top of n. end of w. abut. of bridge over Charlemont Creek; **aluminum tablet** stamped "859 ADJ 1903"	**859.786**

Brighton east along highway to Wellington

Brighton, 2 mi. e. of, in foundation wall of brick schoolhouse, e. end of s. face; **aluminum tablet** stamped "878 ADJ 1903"	**878.555**

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Nova w. via B. & O. Ry. to 0.8 mi. e. of Greenwich (precise line)

	Feet
Nova, about 1.5 mi. e. of, on culv. at teleg. pole 51/14, in the w. end of s. coping; **copper bolt** (B. & O. B. M. 484)	**1134.659**
Nova, 0.5 mi. e. of, n. end of culv. at tel. pole 52/15; **copper bolt** (B. & O.B.M.485)	**1123.337**
Nova, about 325 ft. e. of sta. on a small **culvert**, at top of beveled surface; n. e. cor. of n. coping (B. O. B. M. 485-A)	**1111.050**
Nova, in found. wall of the United Brethren Church, on s. face of s. e. cor.; **aluminum tablet** stamped "1127 ADJ 1903"	**1127.315**
Nova, about 0.6 mi. w. of, culvert at telegraph pole 53/17½, in w. end of n. coping; **copper bolt** (B. & O. B. M. 486)	**1103.946**
Nova, about 2 mi. n. w. of, large arch bridge at telegraph pole 55/1½, in e. end of n. coping; **copper bolt** (B. & O. B. M. 487)	**1071.539**
Hereford, about 1.9 mi. e. of, small culvert at telegraph pole 56/6, in w. end of s. coping; **copper bolt** (B. & O. B. M. 488)	**1050.135**
Hereford, about 0.9 mi e. of, bridge at telegraph pole 57/5, in s. end of e. abutment; **copper bolt** (B. & O. B. M. 489)	**1037.597**
Hereford, near, on n. side of e. abut. of a steel girder bridge, about 800 ft w. of station; **copper bolt** (B. & O. B. M. 490)	**1014.894**
Hereford, about 1.5 mi. w. of, on large arch bridge, in e. end of n. coping; **copper bolt** (B. & O. B. M. 491)	**988.458**
Ramey, about 0.25 mi. w. of, on arch bridge at teleg. pole 60/18, in e. end of n. coping; **copper bolt** (B. & O. B. M. 492)	**1000.707**
Greenwich, about 2.8 mi. e. of, on arch culv. at teleg. pole 61/21½, in e. end of n. coping; **copper bolt** (B. & O. B. M. 493)	**1028.983**
Greenwich, about 1.8 mi. e. of, on culv. at teleg. pole 62/21½ in w. end of n. coping; **copper bolt** (B. & O. B. M. 494)	**1042.458**
Greenwich, about 0.8 mi. e. of, on arch culv. at teleg. pole 62/23½, in e. end of n. coping; **copper bolt** (B. & O. B. M. 495)	**1038.959**

New Martinsville Quadrangle

Near Alexis

Alexis, 3.0 mi. s. of, on rd. side of farm of David Yeager, 0.2 mi. w. of house, n. side of rd., in ledge of rock; **aluminum tablet** stamped "969 Stbnvl"	**968.322**

Proctor, W. Va., across Ohio River and up river road and Opossum Creek to Winklers Mill (single spur line)

Opossum Creek, county bridge over mouth of, s. abut. e. side; square	621.29
Opossum Creek, 1.2 mi. w. of, on rock, n. side of stream, at edge of woods; chiseled sq. marked "U. S. B. M. 631"	631.04
Mouth of Opossum Creek, 2.0 mi. n. w. of, on stone, n. side of creek; sq. cut.	656.10
Mouth of Opossum Creek, 3.0 mi. s. w. of, on ledge of rock, in creek bed, n. of road; chiseled square	683.79
Mouth of Opossum Creek, 4.3 mi. s. w. of, on rock, in center of stream bed opposite white house; chisel mark	730.72
Opossum Creek, 5.2 mi. s. w. of, on rock, s. of stream, opposite where stream crosses in from n.; chisel mark	760.97
Winklers Mill, opposite Godfrey Winkler's res., bridge over Opossum Creek, in top of n. abut., w. side; **bronze tablet** stamped "896 Grafton 1903"	**895.835**

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On Ohio River shore (Army Engineers' precise line)

	Feet
New Martinsville, 6 mi. above, Army Engineers' U. S. B. M. 122-A; on O. R. Ry. bridge over Proctor Cr., W. Va., s. w. cor. of s. **abutment**, Elev. 632.349	**631.921**
New Martinsville, 5½ mi. above, Army Engineers' U. S. B. M. 122-B; Ohio River Ry. bridge over Haines Run, W. Va., s. e. cor. of s. **pier**, Elev. 637.328.	**636.900**
New Martinsville, 5 mi. above, Army Engineers' U. S. B. M. 123-A; O. R. Ry. brg. over Bruce McHenry's Run, n. w. cor. of n. **pier**, Elev. 635.538.	**635.110**
New Martinsville, n. e. cor. of Washington and Main Sts., Army Engineers' U. S. B. M. 128-A; on top of **water table** of stone found'n of Wetzel Count Bank, on Main St. front of bldg.; near back entrance, Elev. 629.134	**628.701**

New Matamoras Quadrangle

Sycamore Valley easterly along highways to near Alexis

Sycamore Valley, on s. e. found'n of bridge over Clear Fork; chiseled square marked "U. S. B. M. 807".....	806.35
Sprague, 2.1 mi. s. e. of, 1.75 mi. n. w. of Graysville, at forks of road w. up run, on stone, e. side of rd., near walnut; chiseled sq. marked "B. M. 797"	796.08
Sprague, 2.4 mi. s. e. of, at iron bridge over Straight Fork Creek, forks of rd., 200 ft. e., on s. e. abut. of bridge; chiseled square marked "789".....	788 37
Graysville, in s. found'n of res. of G. Crawford; **bronze tablet** stpd. "1126 Stbnvl"	**1125.606**
Cronin's store, 1.0 mi. e. of, on creek road, at forks of rd, n. across creek, on stone e. side of rd.; square cut marked "751.3"	750.95
Cronin's store, 1.9 mi. s. e. of, at forks of road to s. w., uphill, in center of forks; chisel square on stone, marked "B. M. 769.0".....	768.70
Foraker bridge, over Little Muskingum, on s. w. abutment; square cut	735.62
Foraker bridge, 1.3 mi. e. of, at forks of by road, n. w. uphill, on large rock, e. side of road, 50 ft. from forks; square cut.....	748.61
Foraker bridge, 2.1 mi. e. of, at forks of road, n. up Payne Run, on stone in bank of road, w. side of run; chiseled square marked "B. M. 721".....	721.17
Mechanicsburg, (Aitch P. O.), iron bridge over Little Muskingum, on n. w. abutment; square cut.....	722.61
Mechanicsburg, 0.9 mi. n. of, forks of rd. e. to Antioch and n. to Plainview Church, on stone, s. e. side of rd., fence opp.; chiseled sq. marked "B. M. 800"	799.24
Antioch, in front found'n of Christian Ch.; **bronze tablet** stamped "1026 Stbnvl"	**1025.675**
Antioch, 0.6 mi. s. e. of, on rd. to Alexis, at forks of rd. e. to New Castle, on large stone at run +ing; chiseled circle on fence post, marked "883".....	882.89
Alexis P. O., 0.25 mi. s. of, at forks of rd., wooden brg.; + cut on s. w. abut.	727.50
Harmony schoolh., 0.6 mi. e. of, at +roads, on stone e. of forks; sq. cut....	776.47

Sistersville, W. Va. s. w. in Ohio along highways via New Matamoras and Lawrence to Steele Run

Fly, 1.2 mi. s. w. of, opposite Wells Island, on large stone at roadside, 150 ft. from river light post; sq. cut marked "B. M. 639".....	638.45
Fly, 1.7 mi. s. w. of, at old stone brg. across Jim Run, on s. w. end of brg.; square cut marked "B. M. 633".....	632.26
Fly, 2.0 mi. s. w. of, 0.5 mi. n. of Cochransville, on river road, at forks of rd. uphill, on stone in n. w. cor. of fence; square cut	657.77
Cochransville (Centerview P. O.), 2.0 mi. s. of, at iron brg. over Mix Creek, on s. e. abut. of bridge; square cut....	618.78

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	Feet
New Matamoras, in s. e. cor. of foundation of school building; **bronze tablet** stamped "637 Stbnvl"	**636.892**
Collins Run brg., 0.6 mi. s. w. of Grandview, forks of rd. up run to w.; sq. cut on stone wall, marked "U. S. B. M. 606"	605.12
Collins Run brg., 0.9 mi. n. w. of, on grade up ridge at run +ing, on large rock; sq. cut, marked "758 U. S. B. M."	757.37
Leith Run, n. of wooden brg., at forks of rd. near Flower's farm, on stone in n. w. angle; sq. cut marked "B. M. 776" on post	775.81
Ward, 2 mi. n. e. of, Macabee Hill, 0.5 mi. n. w. of Leith Run, 0.25 mi. e. of Miller's store, 150 ft. w. of bend in rd., on hill side, n. side of rd., in ledge of rock; **aluminum tablet** stamped "885 Stbnvl"	**884.358**
Ward P. O., stone pillar, n. e. cor. of porch; sq. cut marked "U. S. B. M. 1083"	1082.09
Bell Chapel, 1.5 mi. n. w. of, at foot of hill, where ridge rd. joins Archers Fork road, on stone 50 ft. s. w. of forks; sq. cut marked "B. M. 744"	743.30
Valley schoolh., on large block of stone in schoolyard; sq. cut marked "U. S. B. M. 744"	743.69
Shay, 0.7 mi. w. of, at forks of rd. s. to Archers Fork P. O., on stone, in bank, in n. w. angle of forks; sq. cut marked "U. S. B. M. 1081"	1080.64
Lawrence, 1.5 mi. n. e. of, schoolh. No.3 (Goals Knob), in n. e. cor. of found'n; **aluminum tablet** stamped "1108 Stbnvl"	**1107.363**
Lawrence P. O., on n. w. abut. of wooden bridge over Little Muskingum Cr.; sq. cut, bridge rail marked "U. S. B. M. 655"	654.37
On left shore of Ohio River (Army Engineers' precise line)	
Sistersville, W. Va., below, Army Engineers' U. S. B. M. 138-A, on Ohio River Ry. trestle No. 487 over Myers Run, a short distance above Wells Island, n. w. cor. of n. abut.; Elev. 631.619	**631.179**

New Paris Quadrangle

Glenkarn s. to New Paris, thence e. to Gettysburg

Hollandsburg, at n. w. cor. of Main and Liberty Sts., 1 ft. n. of maple tree, on concrete sidewalk; chiseled square	1163.90
Hollandsburg, 0.98 mi. s. w. of, at n. w. corner of T road w., 5 ft. n. e. of teleph. pole, on large rock; chiseled square	1144.63
Hollandsburg, 1.7 mi. s. w. of, at T rd. e., n. e. cor. of rd., cornerstone; chisel. sq.	1146.10
Hollandsburg 2.80 mi. s. w. of, at n. e. cor. of T rd. e., about 0.1 mi. e. of Ohio-Indiana State line; **iron post** stamped "1121 Ohio"	**1121.237**
Hollandsburg, 4 mi. s. of, about 0.1 mi. e. of Ohio-Indiana State line, at the s. w. cor. of T rd. w., on large rock; chiseled square	1109.40
Hollandsburg, 4.9 mi. s. of, about 0.1 mi. e. of Ohio-Indiana State line, on w. end of drain tile, at n. w. cor. of T road w.; highest point	1077.07
Hollandsburg, 5.9 mi. s. of, 500 ft. e. of s. w. cor. of Darke county, on concrete base to cor. fence post, on inside of right angle line to n. and e.; chiseled sq.	1065.46
New Paris, 3.4 mi. n. by 1 mi. w. of, at cor. of + roads, 150 ft. n. of Pleasant Hill United Baptist Ch., on w. end of flat rock over end of culv.; chiseled sq.	1105.28
New Paris, 2.2 mi. n. by 1 mi. w. of, 0.5 mi. e. of Ohio-Indiana State Line, on s. side of T road n., at J. A. Ganetson's res.; **iron post** stamped "Prim. Trav. Sta. No. 39—Ohio—1910, Elevation 1126"	**1126.352**
New Paris, 1.8 mi. n. e. of, 300 ft. s. of Pat. Harigan's res., on e. side of road, on ledge of rocks; chiseled square	1167.72

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	Feet
New Paris, 1.04 miles n. e. of, 100 ft. s. of Dry Run schoolh., on most northern water gate hinge, on e. side of concrete arch culv.; highest point.....	1031.69
New Paris, on curb at s. w. cor. of Washington and Main Sts., directly in front of Neal Hapner's grocery store, 1 ft. e. of teleph. pole; chiseled sq.	1039.28
New Paris, 0.84 mi. s. w. of, on electric ry., 300 ft n. of C. Cross' res., on s. end w. side of stone box culv.; chiseled square	1018.55
Gettysburg, 4 mi. w. of, on National pike, 1.44 mi. s. of New Paris, 60 ft. e. of electric ry., at the s. w. cor. of +rds., on large flat rock; chiseled square	1155.80
Gettysburg, 3 mi. w. of, on National rd., directly opposite lane leading s. to John Barney's res., 4 ft. s. of n. fence line, on large anchor rock; chiseled sq.	1195.34
Gettysburg, 2.2 mi. w. of, on National rd., 43 ft. e. of lane leading to Alexander Barr's res., on s. side of rd., on stone box culv.; chiseled square.....	1211.13

Point 3 mi. w. of West Florence along highways n. 3 mi., thence e. 1.2 mi., thence n. to pt. 1.4 mi. s. of New Paris

New Westville, 5.47 mi. s. of, on State line, on e. side of rd., 2 ft. w. of fence, in root of 20-in. ash tree; copper B. M. nail, "1140" painted on fence nearby.	1140.45
New Westville, 4.55 mi. s. of, on Ohio-Indiana State line, on w. side of rd., 4 ft.e. of fence, in base of teleph. guy pole; spike,"1142"painted on teleph. pole	1141.96
New Westville, 3.49 mi. s. w. of, on Ohio-Indiana State line, in base of guy pole; sixty penny spike, "1133" painted on teleph. pole.....	1132.74
New Westville, 2.64 mi. s. w. of, on concrete base to corner fence post; chiseled square, "1149" painted on fence post..	1148.81
New Westville, 1.82 mi. s. of, 60 ft. s. of T rd. w., on w. abut. of n. end of stone culvert; chiseled square, "1172" painted on culvert	1171.83
New Westville, 1.25 mi. s. of, at n. w. cor. of iron brg. over Elkhorn Creek, on extreme w. end of wing wall; chiseled sq.,"1117" painted on girder of brg.	1117.02
New Westville, 0.46 mi. s. of, 30 ft. n. of s. e. cor. of schoolh. yd., in base of teleph. pole; sixty penny nail level with ground,"1180"painted on teleph. pole	1180.23
New Westville, 25 ft. s. of s. e. cor. of +roads, 1 ft. w. of fence directly opposite E. L. Brown's res.; **iron post** stamped "1185"	**1185.405**

Norwalk Quadrangle

Chicago Junction s. e. along highway to point near Plymouth

New Haven, n.e.cor. of intersec. of 5 rds.,s. end of town; **iron post** stpd."935 Ohio"	**934.971**

Near Greenwich

Greenwich, 1.5 mi. s. of, n. e. cor. of +rds.; copper nail in side of fence post	1090.39
Greenwich, n. w. cor. of Main St. and Cross St., 200 ft. s. of ry.; sq. cut on curb	1041.00
Greenwich, 1.5 mi. s. w. of, 300 ft. n. of crossroads, w. side of track; s. e. spike in post of concrete rail rest	1051.01
Greenwich, 3 mi. s. w. of, in n. e. cor. of + ing; **iron post** stamped "1060 Ohio"	**1059.774**

Point near Hunts Corners to Norwalk

Hunts Corners, 0.8 mi. e. of, at n. w. cor. of n. end of culv.; top of parapet.	759.39
Monroeville, 1.5 mi. w. of, at s. e. cor. of schoolhouse; e. end of lower step	748.42
Monroeville, at s. w. cor. of ry. crossing; **iron post** stamped "723 Ohio"	**723.697**
Monroeville, 2 mi. e. by 1 mi. s. of, at n. e. cor. +rds.; **iron post** stamped "727 Ohio"	**727.467**

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	Feet
Norwalk, 1.5 mi. w. by 0.5 mi. s. of, at brg. over East Branch of Huron River; top of w. end of n. truss	692.54
Norwalk, at n. e. cor. of Main and West Sts.; spike in root of maple tree	729.23
Norwalk, in front of courthouse; **Iron post** stamped "733 Ohio"	**733.411**

Fitchville northwest along highway to Norwalk

Fitchville, 1 mi. n. w. of, at n. w. corner of T road e.; spike in base of teleph. pole, painted "985.9"	985.89
Fitchville, 1.8 mi. n. w. of, at s. w. corner of crossroads; spike in base of telephone pole, painted "983.6"	983.58
Fitchville, 2.3 mi. n. w. of, at n. w. cor. of T rd. s.; **Iron post** stamped "974"	**974.362**
Fitchville, 3.1 mi. n. w. of, 800 ft. n. of T road e., on n. w. corner of w. abut. of bridge; chiseled square painted "975.0"	974.94
Olena, 1.3 mi. s. e. of, at n. w. corner of T road w.; spike in base of telephone pole, painted "989.2"	989 13
Olena, at s. e. corner of crossroads; **Iron post** stamped "955 Ohio"	**954.904**
Olena, 1.8 mi. n. w. of, at n. w. corner of T road w.; spike in base of telephone pole, painted "928.1"	927.98
Olena, 2.8 mi. n. w. of, at n. e. corner of T road e.; spike in base of telephone pole, painted "900.5"	900.42
Norwalk, 2.8 mi. s. e. of, at s. w. cor. of +rds.; **Iron post** stamped "846 Ohio"	**845.594**
Norwalk, 1.7 mi. s. e. of, at n. w. corner of crossroads; spike in base of telegraph pole, painted "784.0"	783.82
Norwalk, 1.2 miles s. e. of, at rd. w. to county infirmary, at s. w. cor. of T road; spike in base of fence post, painted "775.2"	775.09

Norwalk s. e. along highway to point 2.6 mi. s. of Collins

Norwalk, at cen. of st. +ing of W. & L. E. Ry.; top of n. rail of main track, painted "719.2"	718.9
Norwalk, 1.6 mi. e. of, at railroad crossing, e. of waterworks ; spike in base of telegraph pole, painted "770.6"	770.27
Norwalk, 2.7 mi. e. of, at s. e. cor. of +roads, near brick schoolhouse; chiseled square on stone culvert, painted "832.7"	832.31
Norwalk, 4.1 mi. e. of, at n. w. cor. of +rds.; **Iron post** stamped "881"	**880.043**
Norwalk, 5.6 mi. e. of, 1.5 mi. n. w. of Hartland sta., at n. w. cor. of T rd. n.; spike in base of cor. post, painted "905.2"	904.60
Hartland sta., 1.1 mi. n. w. of, at head of T rd. s.: spike in base of teleph. pole, painted "911.8"	911.20

Boughtonville north along highways to Norwalk

Boughtonville, 1 mi. n. of, at n. e. cor. of +rds.; spike in base of fence post, painted "965.4"	965.35
Boughtonville, 1.7 mi. n. of, at s. w. cor. of +rds.; spike in root of maple tree, painted "948.0"	947.97
North Fairfield, 1.1 mi. s. of, at s. w. cor. of +rds.; spike in base of corner post, painted "946.4"	946.37
North Fairfield, at n. e. cor. of +rds.; **Iron post** stamped "932"	**932.363**
North Fairfield, 1 mi. n. of, at n. e. cor. of +rds.; spike in base of teleph. pole, painted "911.0"	911.02

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	Feet
North Fairfield, 1.7 mi. n. of, at s. e. cor. of T rd. e.; spike in base of teleph. pole, painted "897.9"	897.85
North Fairfield, 2.4 mi. n. of, at s. e. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 48—1910—884"	**884.346**
Norwalk, 5.8 mi. s. of, at n. e. cor. of +rds.; **iron post** stamped "867"	**867.014**
Norwalk, 4.7 mi. s. of, at n. e. cor. of +rds.; spike in base of teleph. pole, painted "845.5"	845.43
Norwalk, 3.7 mi. s. of, at s. w. cor. of +rds.; spike in base of trolley pole, painted "818.7"	818.61
Norwalk, 2.1 mi. s. of, at s. e. cor. of T rd. e.; spike in base of teleph. pole, painted "777.3"	777.25
Norwalk, 1.5 mi. s. of, on n. end of w. abut. of stone-arch bridge; chiseled sq. painted "733.6"	733.46
Norwalk, 1.1 mi. s. of, at s. w. cor. of T rd. w.; spike in base of teleph. pole, painted "746.6"	746.52

3 mi. e. of Chicago Junction n. via rds. to 3 mi. w. of Norwalk

Steuben, 3.5 mi. s. of, at s. e. cor. of +ing; spike in tel. pole, painted "937.570"	937.56
Steuben, 2.5 mi. s. of, at n. e. cor. of +rds.; spike in base of trolley pole, painted "944.0"	944.01
Steuben, 1.8 mi. s. of, at n. e. cor. of +rds.; spike in base of trolley pole, painted "920.5"	920.45
Steuben, 1 mi. s. of, at s. e. cor. of +rds.; spike in base of trolley pole, painted "890.2"	890.17
Steuben, at s. e. cor. of public square lot; **iron post** stamped "871"	**871.414**
Steuben, 1 mi. n. of, on n. bridge abut. at w. end, 300 ft. s. of +rds; chiseled square painted "813.4"	813.37
Steuben, 1.8 mi. n. of, at head of T rd. w.; spike in base of teleg. pole 3439, painted "824.5"	824.40
Steuben, 2.5 mi. n. of, at s. w. cor. of +rds.; spike in brace of teleph. pole, painted "818.9"	818.81
Steuben, 3.6 mi. n. of, at s. e. cor. of T rd. e.; spike in base of teleph. pole, painted "797.0"	796.92
Steuben, 4.1 mi. n. of, 2.2 mi. w. of Macksville, at s. e. corner of crossroads; **iron post** stamped "807 Ohio"	**807.084**
Steuben, 4.8 mi. n. of, head of T rd. w.; spike in base of tel. pole, painted "781.0"	780.95
Steuben, 5.6 mi. n. of, s. e. cor. of T rd. e.; spike, base of tel. pole, painted "770.1"	770.01
Steuben, 6.3 mi. n. of, s. e. cor. of T rd. e.; spike, base of tel. pole, painted "761.5"	761.34
Monroeville, 2 mi. e. by 3.4 mi. s. of, at n. e. corner of T road n.; spike in base of telephone pole anchor, painted "716.8"	716.67
Monroeville, 2 mi. e. by 2.7 mi. s. of, at head of lane e.; spike in base of telephone pole 3669, painted "755.0"	754.89

Point 1 mi. w. of Greenwich w. to Chicago Junction (B. & O. Ry. B. Ms. adjusted by C. and G. S.; precise line)

Greenwich, 0.25 mi. w. of, in s. end of e. abut. of bridge, undergrade street +ing.; **copper bolt** (B. & O. B. M. 496)	**1029.623**
Greenwich, 1 mi. w. of, in e. end n. coping of large arch at telegraph pole 65/17½; **copper bolt** (B. & O. B. M. 497)	**1008.423**
Greenwich, 1.6 mi. w. of, 20 ft. n. of tracks, by telegraph pole 65/5; vertical **rail section** (B. & O. B. M. 498)	**1017.477**

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	Feet
Greenwich, 2.8 mi. w. of, in e. end of n. coping of small culvert at telegraph pole 67,7½; **copper bolt** (B. & O. B. M. 499)	**1035.688**
Boughtonville, 1.5 mi. e. of, in e. pedestal of highway bridge at teleg. pole 69,10, s. of tracks; **copper bolt** (B. & O. B. M. 500)	**1020.131**
Boughtonville, 300 ft. e. of, in w. end of s. coping of arch bridge; **copper bolt** (B. & O. B. M. 501)	**988.324**
Boughtonville, 0.8 mi. w. of, in e. end of s. coping of culv. at telegraph pole 70,18; **copper bolt** (B. & O. B. M. 502)	**964.390**
Boughtonville, about 1.8 mi. w. of, at teleg. pole 71,18, in s. end of e. abut. of an undergrade +ing bridge; **copper bolt** (B. & O. B. M. 503)	**953.727**
Chicago Junction, about 3 mi. e. of, 700 ft. e. of milepost 3, originally a copper bolt set in s. end of e. abut of an undergrade +ing bridge. In 1905 it was found that copper bolt had been removed and top surface of **stone** close to hole on s. side was used as bench mark (B. & O. B. M. 504)	**935.483**
Chicago Junction, 2 mi. e. of, opposite milepost 2; **section of rail** set vertically in ground (B. & O. B. M. 505)	**937.995**
Chicago Junction, about 1 mi. e. of, 500 ft. w. of milepost 1, set in the e. end of s. coping of culv.; **copper bolt** (B. & O. B. M. 506)	**928.175**
Chicago Junction, 600 ft. e. of B. & O. Ry. +ing; **section of rail** set vertically in ground (B. & O. B. M. 507)	**914.793**
Chicago Junction, cor. Washington and First Sts.; **cross cut** in top surface of e. end of top step of St. Francis Xavier Church (C. & G. S. B. M. F5)	**918.142**
Chicago Junction, cor. of Myrtle Avenue and Pearl St., at s. w. cor. of Shiedley Hotel block, on side facing Myrtle Avenue, in second course of brick above watertable; **copper bolt** (C. G. S. B. M. G5)	**929.666**
Chicago Junction, about 656 ft. s. of B. & O. Ry. tracks, on w. side of Myrtle Ave., in e. end of sandstone sill of Home Savings & Banking Co.'s bldg; red metal disk (C. & G. S. B. M. H5)	**925.867**

Monroeville s. w. along B. & O. Ry. to Havana

Monroeville, 1.4 mi. s. of, on e. side of ry. at crossing; copper B. M. nail in top of fence post	744.15
Monroeville, 1.7 mi s. of, on w. side of ry., 5 ft. e. of right-of-way; highest point on granite rock	742.29
Monroeville, 2.4 mi. s. of, 15 ft. w. of ry. +ing; highest point on s. end of culv. under wagon road	749.74
Pontiac, 0.7 mi. n. of; spike in base of third teleg. pole n. of pole No 97,5	761.97
Pontiac, 350 ft. s. of sta., on w. side of public rd., 20 ft. n. e. of ry. crossing; **iron post** stamped "767"	**767.038**
Pontiac, 1 mi. s. of, 70 ft. w. of ry. at +ing; chiseled sq. on s. end of e. side of stone culvert	773.97
Havana, 1.4 mi. n. of, 25 ft. w. of right-of-way, s. side of ry. at +ing; copper B. M. nail in top of fence post	818.59
Havana, 0.8 mi. n. of, first drift bolt head in first trestle n. of Havana; s. end e. side of trestle	818.48
Havana, 300 ft. n. of sta., on w. side of rd. near right-of-way; **iron post** st'p'd "834"	**833.847**
Havana, in s. w. cor. of +rds.; **iron post** st'mp'd "Prim. Trav. Sta. No. 29—839".	**838.617**

Centerton s. e. along B. & O. Ry. to Chicago Junction

Chicago Junction, 1 mi. n. of, 60 ft n. of ry. at +ing; spike in teleph. pole	892.40

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Oak Harbor Quadrangle

Trowbridge e. and s. via rds. to 1.25 mi. w. of Lacarne, thence w. via rds. to Oak Harbor to 1 mi. s. e. of Rocky Ridge

	Feet
Limestone, 1 mi. w. by 2.1 mi. n. of, on second tier, e. end of n. abut. of brg. 0.25 mi. s. of +roads; cross cut	580.09
Limestone, 1 mi. w. by 1.5 mi. n. of, on top of pipe, s. e. cor. of +rds.; cross cut	585.72
Limestone, 1 mi. e. by 2.3 mi. n. of, on tile culv., at s. e. cor. of +rds.,+ cut	577.82
Limestone, 1 mi. e. by 2 mi. n. of, on top tier, w. end of s. pier abut. of brg. over Packer Creek; cross cut	580.15
Toussaint Creek, on top tier, n. end of s. pier abut. of brg. over, in middle southern part of sec. 13, T. 7 N., R. 14 E.; cross cut	580.98
Rocky Ridge, 1.5 mi. e. by 2.25 mi. n. of, 600 ft. s. of creek rd., 0.3 mi. e. of Daniel Muggy's house, in w. end of n. pier abut. of brg. over Toussaint Creek; **bronze tablet** stamped "Toledo 578"	**579.125**
Oak Harbor, 4 mi. n. of, between secs. 16 and 17, on top of culv. at n. w. cor. of crossroads; cross cut	580.37
Oak Harbor, 3 mi. n. of, on line between secs. 20 and 21, on s. end of e. culv. abut. at s. w. cor. of +roads; cross cut	579.50
Lacarne, 1.8 mi. n. w. of, between secs. 31 and 36, 0.5 mi. n. of L. S. & M. S. Ry. +ing, on e. end of n. pier abut. of brg. over Lacarpe Creek; cross cut	579.80
Lacarne, 1.5 mi. w. of, on s. side of rd. to Oak Harbor, in top tier of culv.; **bronze tablet** stamped "Toledo 579"	**580.210**
Oak Harbor, 1 mi. e. of, between secs. 3 and 4, on top tier of culvert on s. side of rd.; cross cut	579.78
Oak Harbor, on e. end of second tier of second abut. from n. end of bridge over Portage River; **bronze tablet** stamped "Toledo 581"	**581.944**
Oak Harbor, at s. w. cor. of Water and Locust Sts., on curbstone; cross cut	584.13
Rocky Ridge, 0.75 mi. s. by 0.5 mi. e. of, 0.25 mi. n. of Genoa-Oak Harbor rd., w. end of s. pier of bridge over branch; **bronze tablet** stamped "Toledo 596"	**596.707**
Oak Harbor, 4 mi. w. of, at cor. of secs. 2, 3, 34, and 35, on top tier of culv. at s. w. corner of crossroads; cross cut	601.03
Oak Harbor, 5 mi. w. of, cor. of secs. 3, 4, 33, and 34, on s. end of w. pier abutment of bridge, 400 ft. e. of crossroads; cross cut	603.18

Oakhill Quadrangle

Rempel (Madison) along C. H. & D. Ry. to Olive Furnace, thence along highway n. w. to Hales Creek and Mabee

Rempel (Madison station), 575 ft. n. of, in rock cut on curve about 8 ft. w. of cen. of C. H. & D. Ry. near s. end of cut; **bronze tablet** stamped "688-A"	**686.321**
Rempel, 1.75 mi. s. of, in n. e. cor. of highway brg., 20 ft. w. of ry.; spike	673.98
Oakhill, 1 mi. e. of, 25 ft. w. of C. H. & D. Ry., 15 ft. n. of highway, at Oakhill +ing; **iron post** stamped "695 I"	**697.851**
Gallia, store and P. O., n. w. cor. of bldg., between doors of P. O. and teleg. office, 19 ft. from n. w. cor., in stone watertable; **bronze tablet** stpd. "657 I"	**659.276**
Tunnel No. 1, about 1.25 mi. n. e. of, on sandstone ledge 12 ft. s. of cen. of railway bridge No. 256, 100 ft. e. of highway crossing; chiseled mark	734.01
Hoadley, sec. 31, on land of Lloyd heirs, 1200 ft. from house of Mrs. Jenkins, in sandstone ledge in field; **copper bolt** stamped "884 I"	**886.473**

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	Feet
Olive Furnace, 0.93 mi. n. e. of, on sandstone found'n of small wooden highway bridge at n. w. corner of; chiseled mark	709.41
Brady Run, 1.5 mi. e. of Hales Creek, on sandstone found'n at s. e. cor. of wooden highway brg. over, rd. crosses valley at this place; chisel mark	659.08
Hales Creek P. O., on sandstone top of protection wall to creek, about 3 ft. from s. w. cor. of small wooden highway brg. over Hales Cr.; chisel mark	645.51
Monroe Furnace (Esther P. O.), on sandstone in small wall in front of brick house and store on s. side of road; chisel mark	771.88
Monroe station, 1.9 mi. n. w. of, B. & O. S. W. Ry., in northern half of n. e. quar. section 29, 140 ft. e. of highway, 0.25 mi. n. of water tank on coal ry., in face of sandstone ledge; **bronze tablet** stamped "803 I"	**804.773**
Mabee, on sandstone boulder supporting w. end of watering trough at n. w. cor. of intersec. of rds.; chisel mark	648.27
Little Scioto River, on sandstone found'n at s. e. cor. of cov. brg. on e. branch of; chisel mark	604.82

Mabee via Grahamsville and Camba to Clay

Grahamsville, 0.6 mi. n. e. of, white church, on e. side of rd., about 1500 ft. n. of, on sandstone ledge 18 ft. to right on e. side of rd., about 200 ft. n. of intersec. of rds., at top of hill; chisel mark	875.70
Camba, 4.3 mi. w. of, Freedom Church, between the two front doors, set horizontally in cen. of found'n stone; **bronze tablet** stamped "739 I"	**741.757**
Camba, about 0.6 mi. s. e. of, on sandstone ledge 15 ft. right of n. and s. road, opposite rd. e. past church and schoolh.; chisel mark	772.81
Camba, 2.5 mi. s. e. of, on sandstone boulder 2 ft. from fence, 10 ft. from log barn on s. side of rd., 4 ft. w. of gate to barn-yard opposite 1½ story frame house, 450 ft. e. of top of hill; chisel mark	834.60
Clay, 0.75 mi. e. of, on rd. to Madison Furnace, district schoolh. No. 3, Madison township, in found'n stone under s. w. cor.; **bronze tablet** stamped "745 I"	**747.574**

Hales Creek to South Webster

Hales Creek, station and postoffice, on n. side of rd. about 0.25 mi. w. of, on land of Mrs. Gertrude Kuhner, 64 ft. above level of rd., in extreme w. end of perpendicular sandstone bluff about 50 ft. high; **copper bolt** stamped "714 I"	**715.995**
South Webster, 0.5 mi. s. e. of, on sandstone found'n at n. e. cor. of small highway brg. at +ing of B. & O. Ry.; chisel mark	655.39

Edmunds switch along B. & O. S. W. Ry. to Keystone

South Webster, 0.9 mi. s. w. of, road +ing at road forks, in n. w. cor. of; spike in base of telephone pole	671.06
South Webster, in concrete curbing, e. end of sta. platform, 10 ft. w. of rd. +ing; chiseled square	702.47
South Webster, 0.6 mi. s.e. of, n.e. cor. of rd.+ing; spike in base of teleph. pole	656.36
Bloom station, 0.2 mi. s. of, at rd. +ing, at s. end of switch, e. side of track; spike head in base of switch stand	634.75
Bloom, 0.2 mi. s. of, 20 ft. n. of rd. and 15 ft. e. of ry., rd.+ing; **iron post** stpd. "633"	**633.170**
Bloom Junction; spike in base of semaphore post on n. side of B. & O. S. W. track	637.65
Hales Creek, rd. crossing, n. side of rd., e. side of ry.; spike head in base of switch stand	645.86
Hales Creek, 1.2 mi. n. e. of, 30 ft. e. of rd., w. side of railroad; spike head in base of switch stand	655.64
Eifort, n. end of concrete curb. of sta. platform; chiseled sq. painted "665.5".	665.50

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Eifort, 1.1 mi. n. e. of; spike, base of w. rail rack post at milepost "H 31 P 25"	675.76
Eifort, 1.1 mi. n. e. of, 60 ft. n. of milepost "H 31 P 25" 10 ft. s. of rd., 10 ft. w. of ry., at rd. +ing; **iron post** stamped "676"	**675.857**
Eifort, 1.8 mi. n. e. of, in n. end of e. guard rail of trestle No. 350; bolt head	685.04
Monroe, opposite station, 75 ft. s. of road crossing; spike head painted white, in base of switch stand	696.03
Monroe, 1.25 mi. n. e. of, on w. side of track, 75 ft. w. of public highway; spike in base of teleph. pole, painted "696.7"	696.71
Black Fork, cen. of concrete curbing of sta. platform; chiseled square	687.06
Black Fork, 10 ft. n. of n. e. cor. of sta., 20 ft. w. of ry.; **iron post** stamped "687"	**686.884**
Black Fork, 0.8 mi. n. of; bolt head in s. end of w. guard rail of trestle No. 343	681.34
Black Fork, 1.25 mi. n. of, bolt head painted white in s. end of w. guard rail of trestle, painted "694.6"	694.64
Oakhill, 0.8 mi. s. of, on w. side of track; spike in base of teleph. pole No. 25	686.51
Oakhill, 35 ft. w. of ry., 15 ft. s. of cen. of rd., rd. +ing at B. & O. S. W. Ry. sta.; **iron post** stamped "707"	**707.417**
Oakhill, 0.6 mi. n. of, 200 ft. s. of coal tipple; spike head painted white in base of switch stand on e. side of track	707.88
Oakhill, 1.5 mi. n. of; bolt head in n. end of w. guard rail of trestle No. 331.	691.50
Clay, 40 ft. s. of ry. and 20 ft. e. of rd., road+ing near sta.; **iron post** stpd. "695"	**694.964**
Clay, 1.1 mi. n. w. of, on s. side of ry.; spike in base of telephone pole	691.51
Clay, 2.1 mi. n. w. of, on s. side of track; spike in base of telephone pole	717.31
Camba, 0.9 mi. s. e. of, on s. side of ry.; spike in base of teleph. pole 19/05	731.07
Camba, 25 ft. s. of sta., 20 ft. e. of track, under overhead highway bridge; **iron post** stamped "728"	**728.538**
Keystone, 0.3 mi. s. of, on w. side of track; spike in base of n. post of milepost "P 39 H 17"; rail rack at	675.76

Oberlin Quadrangle

Eagle Cliff via Lorain, North Amherst and Elyria to North Ridgeville

Beach Park P. O., 2.25 mi. e. of; on n. w. abut. of bridge	591.54
Beach Park P. O., rd. s., on step farthest n. of brick schoolhouse, s. e. cor.; cut	604.28
Lorain, 5.5 mi. e. of; on w. end of culv. wall on s. w. cor. of rd. s.	594.20
Lorain, 4.5 mi. e. of; on w. end of n. wall of small culvert	596.60
Lorain, 3.5 mi. e. of; on n. end of small culvert	596.08
Lorain, 2.5 mi. e. of rd. s.; on n. wall of culv. e. of intersection	594.86
Lorain, 1.5 mi. e. of; w. end of n. wall of culvert	600.34
Lorain, on e. abut. of bridge over Black River, s. side of highway, just outside of bridge railing at angle in railing	598.86
Lorain, n. e. cor. of Erie Ave., and Broadway, on curb circle, 1.5 ft. from end of circle on Erie Ave.; square cut	595.99
Lorain, 1.5 mi. west of; on west end of south wall of small culvert	598 33
Lorain, 2.5 miles w. of; on end of n. e. abut., stream north	580.71
Lorain, 3.5 miles west of; on north wall of small culvert	585.37
Lorain, 4 miles w. of; on small rock on s. e. corner	602.99

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	Feet
North Amherst, 0.75 mi. w. by 1 mi. n. of, crossroad; on w. wall of culvert, south side of intersection	636.12
North Amherst, 0.75 mi. w. of, on n. e. cor. of flat rock under stone hitching block on w. side of road, 50 ft. s. of intersection	685.76
North Amherst, 0.75 mi. w. of, e. wall of L. S. & M. S. Ry. bridge, in third course of stone 5 ft. 4 in. from ground, in 8th stone from s. end; **bronze tablet** stamped "678 Cleveland 1901"	**678.847**
North Amherst, 1.2 mi. s. w. by 0.4 mi. w. of, intersec. with rd. e. and w., on s. w. cor. of top step of end of walk to side entrance of house on n. e. cor.	731.60
Amherst, on n. wall of brg. over creek, just w. of P. O.; on s. side of railing	763.61
Amherst, 2 mi. e. of, +road; on stone well cover on n. e. corner	781.60
Amherst, 3 mi. e. of, on small boulder, s. side of rd., 500 ft. e. of +road; 40 ft. w. of small stream	769.90
Amherst, 4 mi. e. of; on small boulder on s. w. cor., rd. intersec. 2 ft. lower	767.88
Elyria, 2 mi. w. of; on s. w. cor. of trough, 300 ft. e. of intersection	772.40
Elyria, on n. e. abut. of L. S. & M. S. Ry. brg. over W. River St	727.65
Elyria, in top of found'n stone at n. w. cor. of courth.; **aluminum tablet** stamped "735 Cleveland 1901"	**721.322**
Elyria, Mill St. ry. +ing; on curb e. side of Mill St., halfway between s. rail of s. track and base of signal tower	721.32
North Ridgeville, 2 mi. w. of; on end of n. e. abut. of bridge	722.56
North Ridgeville, 0.25 mi. w. of rd. n.; on end of drain on n. e. cor	729.75
North Ridgeville, rd. s., 200 ft. s. of intersec., s. w. cor. of s. w. abut. of brg.	727.17

Oberlin via Grafton to Fields P. O.

Oberlin, Lorain and Professor Sts., s. e. cor. of intersection; on edge of paving flag stone	812.11
Oberlin, n. w. cor. of Lorain and Professor Sts., Severance Laboratory of Oberlin College, in s. e. cor. of e. wing; **aluminum tablet** stamped "817 Cleveland 1901" (destroyed)	**817.072**
Oberlin, on n. e. cor. of S. Main and Hamilton Sts.; on edge of flag walk	813.41
Oberlin, 2 mi. s. e. of, on s. w. abut. of brg. over stream n.; 1 ft. below road	767.32
Oberlin, 3 mi. s. e. of, on n. e. cor. of n. e. wing wall of brg. over west branch of Black River; roads n. and s	762.47
Oberlin, 4 mi. s. e. of, intersec. with rd. n. and s.; on end of drain on s.w. cor.	783.34
Grafton, 6 mi. s. w. of, on n. e. wing wall of small brg., 500 ft. e. of intersec.	783.50
Grafton, 5 miles w. of, on n. end of drain cover on n. e. corner of crossroad	798.77
Grafton, 4 mi. s. w. of, on rock on s. e. cor. of crossroad	809.40
Grafton, 3 mi. s. w. of, on s. end of stone on n. e. cor. of crossroad	811.84
Grafton, 1.25 mi. s. w. of, on s. wall of small culv. just w. of ry. crossing	809.50
Grafton, 0.5 mi. s. w. of, on n. e. wing wall of brg. over e. branch of Black River	793.74
Grafton, 0.5 mi. w. of, highway brg. over e. branch of Black River, in top of n. e. wing wall; **bronze tablet** stamped "793 Cleveland 1901"	**793.811**
Grafton, e. edge of flagging over gutter, s. w. cor. of intersec. with Main St.	812.26
Grafton, 2 mi. s. e. of, on s. wall of culvert	824.44
Grafton, 3 mi. s. e. of, on w. wall of culvert, 200 ft. s. of crossroad	844.28
North Eaton, 3 mi. s. w. of, on w. wall of small culv., at crook in road	831.64

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North Eaton, 1.5 mi. s. w. of, on n. e. wing wall of bridge over stream west	804.80
North Eaton, 0.7 mi. w. of, on culv. wall on n. e. corner of crossroad	792.63

Near Trinity and Fields P. O.

Trinity P. O., 1.25 mi. n. of, e. side of intersec. of +rd.; on e. end of s. wall of culvert	640.54
Trinity, brick schoolh. n. of former P. O., front of w. face of window sill s. of doorway; **aluminum tablet** stamped "696 Cleveland 1901"	**696.636**
Trinity P. O., 2 mi. s. of, turn to w. and s. again, town line; on corner of n. e. abutment of small bridge	693.92
Fields P. O., 0.5 mi. n. w. of; on **top step** s. w. abut. of small culv. 250 ft. e. of crossroads at railroad crossing	**758.973**

Near Belden n. w. to Grafton, thence s. w. to Lagrange

Grafton, about 1.0 mi. s. e. of, on C. L. & W. Ry., opposite teleg. pole 145-9¼, on w. side of ry., in field, 10 ft. w. of w. right-of-way fence line, in root, on e. side of 2.5-foot maple tree; copper B. M. nail	821.12
Grafton, 1.10 mi. s. w. of, 125 ft. e. of Big Four Ry. +ing, e.-w. rd. at, on s. side of rd. at fence line, in root on n. w. side of 2-ft. oak tree; 8 penny nail	809.10
Grafton, 1.60 mi. s. w. of, Big Four mi. post "Cleveland 27", n. side of tracks, e. side of n.-s. rd; top spike on track side, top of w. post of rail stand	817.32
Grafton, 2.60 mi. s. w. of, Big Four Ry. mi. post "Cleveland 28," n. side of tracks, on track side, top of w. concrete post of rail stand at; top spike	821.23

At Lorain

N. W. Pier, near n. e. cor. pier head; w. pier, **bronze tablet** set in concrete	**581.08**
S. W. Pier, on w. pier, 78.3 ft. from s. end; **bronze tablet** set in concrete	**578 96**
Lorain, Erie St. brg. over Black River, n. side of st., inside railing, w. abut.; **aluminum tablet** stamped "598 Cleveland"	**598.600**
Lorain harbor, n. w. cor. of lot of U. S. Life Saving Sta. 70 ft. e. of e. pier, 120 ft. n. of slip to Life Saving Sta. boathouse, over hole in sq. iron plate in top of; top sq. concrete monument, about 20 in. sq. and 2.5 ft. high	578.20
Lorain harbor, zero on water gauge; n. side of slip to U. S. Life Saving Sta. boathouse	572.80
Lorain harbor, s. w cor. of lot of U. S Life Saving Sta., 40 ft. e. of e pier, 80 ft. s. of slip to Life Saving Sta. boathouse, over hole in sq. iron plate in top of; top sq. concrete monument about 20 in. sq. and 2.5 ft. high	578.27
Lorain, n. w. cor. of Broadway and West Erie St., on n. side of cor. entrance to Vernam Bldg., occupied by Western Union Telegraph office, top coping stone 1 ft. n. of n. side of entrance; chiseled cross	596.88

Octa Quadrangle

Sedalia w. along highway via South Solon to Selma

	Feet
Sedalia, 3.7 mi. w. of, w. end of s. abutment of covered wooden bridge over Paint Creek; chiseled square	1058.32
Sedalia, 4.95 mi. w. of, on n. end of e. abut. of iron bridge; chiseled square	1081.90
South Solon, on n. wall near n. e. corner of city building; **aluminum tablet** stamped "1117 Columbus 1903"	**1117.700**

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South Solon s. along D. T. & I. Ry. to Parrott station, thence e. to bridge over Paint Creek

South Solon, rd. +ing D. T. & I. Ry., 300 ft. s. of sta.; top of e. rail	1108.4
South Solon, 1.7 mi. s. of, on w. side of D. T. & I. Ry. track, in top of box culvert under track; spike	1097.73
Blessings, 30 ft. s. w. of cen. of rd. +ing, in base of ry. +ing sign; spike	1100.58
Blessings, 30 ft. s. of ry., 20 ft. s. of rd.; **iron post** stamped "1101"	**1101.215**
Jeffersonville, 2.9 mi. n. w. of, at rd. +ing; top of w. rail	1093.8
Jeffersonville, 2.8 mi. n. w. of, s. e. cor. of rd. +ing, in base of tel. pole; spike	1087.71
Jeffersonville, 1.3 mi. n. w. of, in s. w. cor. of +rds., 60 ft. s. w. of rd. +ing, on s. end of concrete culv.; chiseled square	1058.26
Jeffersonville, 60 ft. n. of cen. of rd. +ing, 20 ft. w. of ry. tracks; **iron post** stamped "1047"	**1047.230**
Jeffersonville, s. e. cor. of Main and High Sts., on n. w. cor. of stone curbing of pump; chiseled square	1055.47
Jeffersonville, 1.1 mi. s. e. of, on e. side of track, 150 ft. n. of trestle, on telephone pole; spike	1037.40
Jeffersonville, 2.3 mi. s. e. of, 1.1 mi. n. of Parrott, 100 ft. e. of rd. +ing, on w. abut. n. w. end of steel highway brg. over Sugar Creek; chiseled square	1035.39
Parrott, 50 ft. w. of ry., 20 ft. s. of rd., s. e. cor. of wagon scales; painted sq.	1040.77
Parrott, road +ing D. T. & I. Ry.; top of rail	1041.1
Parrott, 0.3 mi. e. of, n. w. cor. of +rds., top of concrete drain; chiseled sq.	1055.54
Parrott, 1.5 mi. e. of, on n. side of road, at T road s.; **iron post** stamped "Prim. Trav. Sta. No. 59—1023"	**1023.375**
Parrott, 1.8 mi. e. of, n. e. cor. of T rd. n., in base of fence post; spike	1017.97

Blessings w. along highway to point 4.5 mi. s. e. of Cedarville, thence s. w. to Junker schoolhouse

Blessings, 0.8 mi. w. of, at +roads, on Moon and Evans road, on n. end of steel tile under road; highest part	1114.77
Blessings, 1.8 mi. w. of, on Moon and Evans rd., n. end of stone culv.; chiseled sq.	1085.94
Shady Grove, on s. e. cor. doorsill of Shady Grove schoolh.; chiseled sq.	1100.78
Shady Grove, 0.9 mi. w. of, 600 ft. w. of Greene-Fayette county line, on n. end of stone culv.; chiseled square	1100.92
Shady Grove, 0.9 mi. w. of, 600 ft. w. of Greene-Fayette county line, 30 ft. e. of stone culv.; on n. side of rd.; **iron post** stamped "1101"	**1101.271**
Shady Grove, 1.9 mi. w. of, n. e. cor. of T rd. e., on s. side of 3½-foot black locust tree, in base; iron bolt	1105.29
Shady Grove, 2.6 mi. w. of, on s. side of rd., on highest point on 4-ft. granite boulder; painted square	1098.80
Bell Center, 0.2 mi. s. of, s. e. cor. +rds., on s. end of stone culv.; chiseled sq.	1072.88
Bell Center, 50 ft. s. e. of schoolh., on s. w. cor. of water trough at n. w. cor. of T road w.; chiseled square	1079.61
Bell Center, on e. side of rd. at T rd. w.; **iron post** stamped "1078"	**1078.419**
Bell Center, 1.8 mi. w. of, n. e. cor. of T road e., on n. end of 10-in. tile drain pipe; highest point	1065.09
Jamestown, 2.5 mi. n. w. of, 600 feet s. w. of T rd. s. w., n. abutment w. end of bridge over creek; chiseled square	1048.98

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Near Jamestown east along highway to Jeffersonville

	Feet
Jamestown, in n. w. cor. of cross sts., 350 ft. w. of United Presbyterian Church, on s. e. corner of concrete walk; chiseled square	1063.65
Jamestown, s. e. cor. of cross sts., in cen. of town, on large stone; chiseled sq.	1061.32
Jamestown, 2 ft. e. of s. entrance to public school; **iron post** stamped "1064 Ohio"	**1064.134**
Jamestown, 0.6 mi. e. of, s. w. cor. of rd. forks, top of stone drain; chiseled sq.	1074.64
Jamestown, 1.25 mi. e. of, in s. w. cor. of T rd. s., in base of teleph. pole; spike	1091.67
Jamestown, 1.9 mi. e. of, in s. e. cor. of T rd. s., in base of teleph. pole; spike	1102.52
Jamestown, 3.2 mi. e. of, on State road, in n. w. cor. of school yd. (District No. 6, Silver Creek township); **iron post** stamped "1087"	**1087.546**
Jamestown, 3.7 mi. e. of, on n. side of rd. at T rd. s., in base of tel. pole; spike	1080.63
Jeffersonville, 4 mi. w. of, 200 ft. w. of +roads, on s. end e. abut. of small iron bridge; chiseled square	1065.67
Jeffersonville, 3.1 mi. w. of, on State road, 280 ft. w. of steel bridge over Rattlesnake Creek; **iron post** stamped "1057"	**1056.973**
Jeffersonville, 2.7 mi. w. of, in n. e. cor. of +rds., on concrete base of fence post; chiseled square	1081.18
Jeffersonville, 1.5 mi. w. of, in n. e. cor. of T rd. n., in base of fence post; spike	1074.54
Jeffersonville, 1 mi. w. of, in s. w. cor. of rd. forks, in base of fence post; spike	1065.92

Parrott station w. along rd. to pt. 2 mi. s. by 1 mi. w. of Jamestown

Parrott, 0.8 mi. w. of, s. e. cor. of T road e., on concrete base of fence post; chiseled square	1033.79
Cunningham, 1.5 mi. n. of, s. w. cor. of +rds., base of tel. pole; copper B. M. nail	1035.39
Milledgeville, 1 mi. n. by 1.2 mi. s. e. of, on s. side of rd. at T rd. n., in base of telephone pole; spike	1040.41
Milledgeville, 1 mi. n. of, in s. e. cor. of T road s., on base of concrete fence post; chiseled square	1049.97
West Lancaster, 0.6 mi. s. e. of, rd. +ing D. T. & I. Ry.; top of w. rail	1059.0
West Lancaster, in s. w. cor. of T rd. s.; **iron post** stamped "Prim. Trav. Sta. No. 58—1909—Ohio—1063"	**1063.482**
West Lancaster, 0.5 mi. s. of, n. w. cor. of T rd. w., on n. end of iron drain pipe; chiseled square	1046.45
Edgefield, 0.25 mi. n. of, s. w. cor. of +rds., s. end of iron drain; painted square	1063.75
Edgefield, 0.75 mi. w. of, rd. +ing C. H. & D. Ry.; top of n. rail	1068.0
Pearson, 1.25 mi. n. w. of, n. e. cor. of T rd. n. e., in base of fence post; spike	1064.05
Pearson, 1.25 mi. n. w. of, n. w. cor. of T rd. n. e.; **iron post** stpd. "1065 Ohio"	**1064.930**
Pearson, 2.2 mi. n. w. of, at T rd. s., on e. end of first step to entrance of Pleasant Valley schoolh.; chiseled square	1075.48
Jamestown, 2 mi. s. by 2 mi. e. of, in n. w. cor. of +rds., on top of stone drain; chiseled square	1077.97
Jamestown, 2 mi. s. by 1.5 mi. e. of, on n. side of rd. at T rd. s. in base of fence post; spike	1085.95
Jamestown, 2 mi. s. by 0.4 mi. e. of, s. end of vitrified pipe drain at T rd. n.; painted square	1085.64
Jamestown, 2 mi. s. of, in s. e. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 55—Ohio—1909—1068"	**1068.288**
Jamestown, 2 mi. s. by 0.6 mi. w. of, w. abut. n. end of steel brg.; chiseled sq.	1054.78

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Near Cunningham s. along highway to point 1.85 mi. s. of Cunningham thence w. to point near Bowersville

Cunningham, 1.2 mi. n. of, n. w. cor. of n. abut. of steel bridge; chiseled sq.	1027.86
Cunningham, rd. +ing C. H. & D. Ry.; top of rail	1033.7
Cunningham, in s. w. cor. of rd. +ing, in base of teleph. pole; spike	1032.66
Cunningham, 0.5 mi. s. of, in s. e. cor. of T rd. e.; **Iron post** stamped "1030"	**1029.987**
Cunningham, 1.85 mi. s. of, in n. e. corner of +roads, in e. end of wooden drain; nail head painted white	1029.12
Plymouth, 1.7 mi. s. e. of, s. e. cor. of T rd. s., in base of fence post; copper B. M. nail	1037.42
Plymouth, 1.5 mi. s. by 0.5 mi. w. of, s. end of w. abut. of large steel bridge over Rattlesnake Creek; chiseled square painted "1029.8"	1029.94
Rattlesnake Creek; surface of water, November 15, 1913	1017
Plymouth, 1.5 mi. s. by 1.6 mi. s. w. of, n. w. cor. of +roads, at Crabapple Church and schoolh.; **Iron post** stamped "1030"	**1030.176**
Center, 0.5 mi. s. w. by 2 mi: s. e., in s. w. corner of rd. forks, in base of fence post; copper B. M. nail	1039.36
Center, 1.8 mi. s. w. by 1 mi. s. e., in s. end of wooden culvert over creek; nail head painted white	1043.93
Center, 1.8 mi. s. w. of, in s. cor. of +rds. at brick schoolh.; **Iron post** stpd. "1056"	**1055.722**
Bowersville, 3 mi. s. e. by 1 mi. n. e., in s. cor. of T rd. s. w., in s. end of iron drain pipe; painted square	1061.19
Bowersville, 2 mi. s. e. by 0.9 mi. n. e., top of stone culv. in e. corner of crossroads; chiseled square	1065.97
Bowersville, 2 mi. s. e. of, s. cor. of +rds. at schoolh., in base of fence post; spike	1069.61
Bowersville, 2.25 mi. s. of, in n. e. cor. of +rds.; **Iron post** stamped "1079"	**1079.082**
Bowersville, 1 mi. s. of, on w. side of rd. at bend, in base of teleph. pole; spike	1082.24
Bowersville, at rd. crossing D. T. & I. Ry. at station; top of n. rail	1088.1
Bowersville, n. w. cor. of Maysville and Xenia Sts., on curb.; chiseled square	1088.81
Bowersville, 0.4 mi. w. of, 300 ft. e. of T rd. s. on n. e. cor. of culv.; chiseled sq.	1064.81
Bowersville, 0.9 mi. w. of, in n. e. cor. of T rd. n. in base of fence post; spike	1054.58
Bowersville, 1.25 mi. w. of, on w. end of iron drain pipe in s. w. cor. of T rd. s.; painted square	1047.00

1.8 mi. s. of Cunningham s. along rd. to Glendon, thence s. w. along Rys. to Sabina, thence n. w. along rd. to 2 mi. n. of Reesville

Cunningham, 2.5 mi. s. of, in n. w. cor. of T rd. n., in base of fence post; spike	1027.70
Glendon, 2.1 mi. n. w. of, on e. side of rd. forks at school (sub-district No. 2, Concord township), on concrete base of fence post brace; chiseled square	1026.16
Glendon, 1 mi. n. w. of, first fence post s. of gate on w. side of rd. opposite S. Treitenberger's res.; spike in base	1030.53
Glendon, 300 ft. n. of highway brg. over B. & O. and C. & M. V. Rys., on w. side of rd., in n. w. cor. of drive to elevator; **Iron post** stamped "1032"	**1031.677**
Glendon, 0.6 mi. s. w. of, in base of teleg. pole between C. & M. V. and B & O. Rys., at rd. +ing; spike	1012.02
Glendon, 1.4 mi. s. w. of, n. e. cor. of n. end of concrete culv. on C. & M. V. Ry.; chiseled square	1015.89
Sabina, 1.8 mi. n. w. of, 170 ft. n. w. of private rd. n. e., on w. end of s. abutment of small iron bridge; chiseled square	1044.73

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	Feet
Reesville, 2 mi. n. by 0.8 mi. n. e. of, on s. end of w. abutment of small iron bridge; chiseled square	1048.59
Reesville, 2 mi. n. of, 2.5 miles s. e. of Bloomington, n. w. corner of T road w.; **iron post** stamped "1086"	**1085.899**
2 mi. n. of Reesville w. along highway to near Deserted Camp	
Bloomington, 2.0 mi. s. of, 2.5 mi. n. w. of Reesville, on top of ridge s. side of road, in gate post of O. H. Howard's farm; copper B. M. nail painted "1110.8 T. B. M."	1110.84
Reesville, 2.5 mi. n. w. of, 2.5 mi. s. w. of Bloomington, in telephone post opposite D. H. Johnson's house; copper B. M. nail painted "1051.7 T. B. M."	1051.85
Deserted Camp, 3.5 mi. n. e. of, 40 ft. e. of junc. of Bloomington and Port William pikes, s. end of stone culv.; chiseled sq. painted "1038.2 T. B. M."	1038.39
3.5 mi. n. e. of Deserted Camp n. w. to 3.5 mi. s. e. of Port William	
Port William, 3.5 mi. s. e. of, 2.5 mi. s. w. of Bloomington in s. w. corner of +rds.; **iron post** stamped "1044 Ohio"	**1044.300**
Near Port William e. and n. along rd. to 1 mi. w. of Bowersville	
Bowersville, 1.5 mi. s. w. of, 3.16 mi. n. e. of Port William, s. w. cor. of concrete floor of steel brg. over Love Run; chiseled sq. painted "1042.5 T. B. M."	1042.65

Ottawa Quadrangle

At Ottawa

Ottawa, in watertable of Hotel Dumont; 2 ft. s. of side entrance; **aluminum tablet** stamped "731 ADJ 1903"	**731.028**
Leipsic w. along N. Y. C. &. St. L. Ry. to Continental	
West Leipsic, in front of station; top of rail	765.0
West Leipsic, 2.55 mi. w. of, w. side of highway crossing, 400 ft. n. of N. Y. C. & St. L. Ry., concrete catch basin, in top of; **aluminum tablet** stamped "756"	**756.267**
Miller City, 490 ft. n. of N. Y. C. & St. L. Ry., concrete culv. over Miller cut off, 3 ft. from w. end, in top of s. guard; **aluminum tablet** stamped "733"	**732.909**
Miller City, in front of station; top of rail	734.1
Kieferville, 300 ft. e. of sta., 75 ft. s. of ry. and 15 ft. w. of highway, concrete catch basin; **aluminum tablet** stamped "721"	**720.719**
Kieferville, in front of station; top of rail	726.0
Leipsic n. along D. T. & I. Ry. to Hamler, thence n. w. along B. & O. Ry. to Holgate	
Prentiss, in n. w. cor. of, found'n of elevator; **aluminum tablet** stamped "745"	**744.665**
Gallup, retaining wall under s. approach, w. face, elevator; **aluminum tablet** stamped "735"	**735.248**
Gallup, road crossing; top of rail	732.5
Hamler, +ing of B. & O. and D. T. & I. Rys.; top of rail	715.7
Hamler, 900 ft. w. of B. & O. sta., w. end, s. coping, masonry culv.; **aluminum tablet** stamped "714"	**713.950**
Hamler, 2.42 w. mi. of, highway +ing, in w. side of concrete culv. about 30 ft. s. of ry., in elliptical name plate; **cross cut** stamped "710"	**709.622**

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	Feet
Holgate, 0.75 mi. s. e. of ry. sta., 100 ft. n. of B. & O. Ry., in s. e. cor. of forks of rd.; **primary traverse post** stamped "Prim. Trav. Sta. No. 10—1905—710"	**710.297**

Holgate s. w. along T. St. L. & W. Ry. to Continental

Holgate, 400 ft. w. of B. & O. sta., brick bldg. n. of ry., s. end of e. watertable; **aluminum tablet** stamped "712"	**712.146**
New Bavaria, in front of station; top of rail	735.0
New Bavaria, brick building, 50 ft. w. of ry.; **aluminum tablet** in stone under e. window, stamped "740"	**739.534**
Pleasant Bend, in front of station; top of rail	743.6
North Creek, in front of station; top of rail	721.0
North Creek, 0.35 mi. s. of, small iron highway brg. 15 ft. e. of ry. w. abut., s. brg. seat; **aluminum tablet** stamped "718"	**717.535**
Wisterman, in front of station; top of rail	722.1
Wisterman, found'n under e. end of elevator; **aluminum tablet** stamped "723".	**722.518**

Defiance e. along rd. to 5 mi. s. of Florida (portion of line)

Defiance, 8.32 mi. s. e. of, culv. at w. side of rd.; **aluminum tablet** stpd. "728"	**728.453**
Defiance, 9.37 mi. s. e. of, iron brg. at s. side of +rds.; bolt marked "724"	724.54

Ottawa w. along C. H. & D. Ry. to Dorninton (precise line)

Ottawa, in front of station; top of rail	730.1
Predor, in front of station; top of rail	735.4
Predor, 1.36 mi. w. of, n. e. cor. of found. of Barney Rosenbaum's farmhouse; **aluminum tablet** stamped "733"	**733.383**
Predor, 4.5 mi. w. of, 0.5 mi. e. of Avis, railroad culvert, on n. side of track; **aluminum tablet** stamped "726"	**726.348**
Avis, road crossing at station; top of rail	728.9
Crosswell, in front of station; top of rail	729.2
Crosswell, 0.5 mi. w. of, culvert on n. side of track, opposite George Bassinger's farmhouse; **aluminum tablet** stamped "726"	**726.260**
Dorninton, grade +ing of C. H. & D. Ry. with O. E. Ry.; top of rail	728.6

Leipsic s. w. along C. H. & D. Ry. to Ottawa (precise line)

Ottawa township, on line of C. H. & D. Ry., about 0.5 mi. below G. W. Miller's res., and 492 ft. n. of milepost 50 T, on s. e. quar. of stone culv. 54, on brg. seat course, 6 in. n. of e. end of stone above, and 2 ft. 10 in. e. of wing angle; **chiseled square** (C. & G. S. B. M. M1)	**743.696**
Ottawa, s. side of Mainleron St., about 170 ft. w. of ry., on large stone step of found'n, 5 ft. e. of e. side of e. pillar of stairway entrance; **chiseled squaro** (C. & G. S. B. M. N1)	**729.338**

Otway Quadrangle

Rushtown along Norfork & Western Ry. to Rarden

Rushtown, 600 ft. n. of sta., n. w. cor. of rd. +ing, in front of George Russel's res.; **iron post** stamped "539"	**539.265**
McDermott, 120 ft. e. of sta., 15 ft. w. of rd. at +ing; **iron post** stamped "575"	**574.609**

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	Feet
Arion, 35 ft. s. of ry., opposite sta., 15 ft. e. of rd., 1 ft. w. of P. O. building; **iron post** stamped "587"	**587.091**
Henley, rd. +ing at sta., 30 ft. n. of ry. and 10 ft. e. of rd.; **iron post** stpd. "574"	**574.255**
Otway, n. side of sta. platform, 20 ft. w. of sta.; **iron post** stamped "585"	**584.728**
Young, 0.3 mi. n. w. of, about 150 ft. w. of road crossing, 5 ft. s. of highway; **iron post** stamped "598"	**598.392**
Rarden, 175 ft. w. of station, n. of track, 75 ft. w. of creek, on n. side of right-of-way line; **iron post** stamped "613"	**612.755**

Wakefield w. along rds. via Camp to Duke, thence s. to Rarden

Wakefield, a little n. of town, 2.47 mi. s. of Sargents, on w. side of n. abut. of railroad bridge over creek; **aluminum tablet** stamped "551"	**550.931**
Coopersville, 2.2 mi. n. w. of, n. e. cor. of T rd. n., 50 ft. from center of road; **iron post** stamped "582"	**581.627**
Camp, 1.2 mi. n. w. of, s. w. cor. of +roads, near fence cor., 50 ft. w. of rd. n.; **iron post** stamped "Prim. Trav. Sta. No. 80—1909—Ohio—665"	**665.194**
Camp, 2.7 mi. w. of, top of stone n. side of rd.; chiseled + painted "779.3"	779.26
Ladd, s. w. cor. of +rds., 30 ft. from cen. of rds.; **iron post** stamped "1105"	**1104.770**
Duke, 200 ft. e. of rd. forks in center of town, s. side of rd. opposite schoolh.; **iron post** stamped "1237"	**1237.149**
Duke, 3.2 mi. s. w. of, w. of rd. on s. side of large hill, in base of stump; spike painted "1107.5"	1107.47
Duke, 3.8 mi. s. w. of, 2.7 mi. n. w. of Rarden, at foot of Wallace Hill, 250 ft. n. w. of Clark Foster's res., 20 ft. w. cen. of rd.; **iron post** stamped "705"	**705.190**

Pond Creek Baptist Church n. along rd. via Crabtree to Camp

Pond Creek Baptist Church, first rd. +ing w. of, T rd. at Pond Creek, about 20 ft. s. of rd. e.-w. and 10 ft. w. of rd. n.-s.; **iron post** stamped "725"	**724.772**
Pond Creek, second rd. fork w. of Baptist Church, in root of sycamore tree; spike marked "781.111"	781.01
Arion, 2.6 mi. s. of, rd. +ing at Pine Flat school, on Galena road, in cor. of field of F. Johnley, s. of rd. e.-w. and e. of rd. n.-s.; **iron post** stamped "722"	**721.387**
Arion, 1.3 mi. s. w. of, e. of rd. on summit of hill, 679 ft. n. of res. belonging to James Castor, in root of small black oak tree; spike painted "925.128"	924.97
Arion, 1 mi. n. of, at rd. +ing, about 30 ft. w. of rd. n.-s. and 6 ft. s. of rd. e.-w., on stone; chiseled sq. painted "703.004"	702.84
Arion, 2.4 mi. n. of, on e. side of rd., 589 ft. n. of res. and about halfway down large hill, on rock; chiseled mark painted "764.005"	763.85
Crabtree, 220 ft. w. of T. F. Crow's store, n. e. abutment of small bridge over East McCullock Creek; **bronze tablet** stamped "728"	**728.080**
Sedan, 1 mi. s. of, w. of rd. and about 20 ft. n. of mail box at lane, on small rock; chiseled square painted "824.490"	824.39
Sedan, 0.4 mi. n. w. of, at T rd., n. side of rd. e.-w. and about 15 ft. w. of rd. n.-s.; **iron post** stamped "801"	**800.908**

Chillicothe via N. & W. Ry. to Portsmouth (portion of precise line)

Sargents, 2.47 mi. s. of, ry. brg. over creek, on w. side of, n. abut.; **aluminum tablet** stamped "551"	**550.931**
Wakefield, in front of station; top of rail	555.0
Clifford, 3.07 mi. s. of Wakefield, stone culv. on e. side of track, s. w. cor. of stone abut.; **aluminum tablet** stamped "556"	**556.079**

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Clifford, in front of station; top of rail	553.9
Clifford, 2.04 mi. s. of, n. w. cor. of stone culv., w. side of ry.; chiseled square	539.33

Portsmouth n. along Norfolk and Western Ry. (Cincinnati Div.)

Portsmouth, 3.5 mi. n. w. of, n. end of switch at Wharton sta., 50 ft. w. of ry., 25 ft. s. w. of s. w. cor. of canal brg., 15 ft. s. of private road e. and 20 ft. e. of Galena road; **iron post** stamped "529"	**528.775**
Portsmouth; 4.7 mi. n. w. of, w. side of track; spike in base of cen. post of ry. rack at milepost "C 102 P 5", painted "527.2"	527.07
Portsmouth, 5.7 mi. n. w. of, w. side of track; spike in base of center post of rail rack at milepost "C 101 P 6," painted "526.4"	526.24

Henley s. along highways to Turkey Creek

T rd., Galena rd. and Bear Cr. rd.; on stone in cen. of rds., painted "586.133"	586.26
Top of nail head on root of sycamore tree opposite schoolh., painted "722.934"	723.08
Henley, 4 mi. s. of, at n. e. cor. of schoolh.; **iron post** stamped "724"	**724.414**
Road forks; nail head near base of hickory tree at cor. of forks, n. e. fork to Spruce, s. w. fork to Harbors Fork, painted "787.710"	787.87
T road, at Morgan's farm; top of nail head, in root of cedar tree, opposite T road, painted "788.173"	788.34
Road forks; top of nail head, base of poplar, 20 ft. n. of rd. painted "856.717"	856.98

Oxford Quadrangle

Eaton south via Camden to Sevenmile

	Feet
Eaton, at s. w. cor. of N. Barron and E. High Sts., in w. face of watertable at n. w. cor. of school building; **aluminum tablet** stamped "1055 ADJ 1905"	**1054.881**
Eaton, 2.6 mi. s. of, in s. abut. w. side of stone arch railroad bridge over rd. e.-w.; **aluminum tablet** stamped "984"	**983.910**
Eaton, 6.1 mi. s. of, in w. end of s. abut. of iron railroad bridge over Sevenmile Creek; **aluminum tablet** stamped "903"	**903.171**
Camden, 210 ft. e. of railroad sta., in n. side of w. abut. of county iron brg. over Sevenmile Creek; **aluminum tablet** stamped "841"	**841.022**
Camden, 3 mi. s. of, in e. side of s. abut. of iron railroad bridge over Sevenmile Creek; **aluminum tablet** stamped "790"	**789.976**
Somerville, in front of station; top of rail marked "762.0"	761.8
Somerville, 1.28 mi. s. of, in e. side of s. abut. of steel railroad bridge over Pleasant Run; **aluminum tablet** stamped "735"	**734.788**
Collinsville, in front of station; top of rail marked "699.4"	699.1
Collinsville, 0.9 mi. s. of, in e. side of n. abut. of iron railroad bridge over Sevenmile Creek; **aluminum tablet** stamped "691"	**690.381**

Collinsville via Oxford and Morning Sun to 5.5 mi. w. of Eaton

Collinsville, 2.35 mi. w. of, s. of rd., 30 ft. from lane leading to res. of J. Harris, on large rock; chiseled square marked "862.01"	861.71
Collinsville, 2.74 mi. w. of, in n. w. cor. n. side of found'n of res. of Cornelius Irwin, 1 foot above ground; **aluminum tablet** stamped "816"	**815.566**
[illegible]arrtown, 0.75 mi. n. by 2.09 mi. w. of, on rock at T rd. n.; chiseled square	888.80
[illegible]rd, 1.82 mi. e. of, in n. w. cor. n. side of found'n to res. of C. Hoffman, [illegible] feet above ground; **aluminum tablet** stamped "809"	**808.256**

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	Feet
Oxford, in watertable in s. w. cor. w. side of found'n to city hall; **aluminum tablet** stamped "953"	**952.264**
Oxford, 3 mi. n. of, on large rock at T rd. e.; chiseled sq. marked "929.8"	929.56
Oxford, 3.6 mi. n. of, in w. side s. end of found'n wall to residence of Chas. P. Pfister; **aluminum tablet** stamped "991"	**990.915**
Morning Sun, 1 mi. s. e. of, in n. e. cor. east side of found'n to brick res. of E. E. Elliott; **aluminum tablet** stamped "1025"	**1024.686**
Morning Sun, on stone walk in front of U. P. Church; chiseled sq. mkd. "999.9"	999.74
Morning Sun, 2.1 mi. n. of, in n. w. cor. w. side of found'n to Ramsey schoolh. District No. 2, at +roads; **aluminum tablet** stamped "1038" (destroyed)	**1038.078**
Morning Sun, 5.15 mi. n. of, on large rock at +rds.; chiseled sq. marked "1086.9"	1086.74
Morning Sun, 5.65 mi. n. of, at +roads e. and w., in e. side of n. abut. of small concrete bridge; **aluminum tablet** stamped "1093"	**1093.046**
Morning Sun, 9.25 mi. n. of, in w. side of s. abut. of wooden bridge over stream; **aluminum tablet** stamped "1119"	**1118.908**

2.1 mi. n. of Morning Sun e. via Camden to 3 mi. w. of Farmersville

Camden, 2 mi. w. of, in s. e. cor. e. side of found'n to Lowe Church, 300 ft. w. of +rds. and n. of road; **aluminum tablet** stamped "1011"	**1010.763**
Camden, 3.25 mi. e. of, in s. side of e. abut. to wooden bridge over branch of Aukerman Creek; **aluminum tablet** stamped "914"	**914.166**
Gratis, in n. e. cor. e. side of found'n to general store of E. H. Carr at s. w. cor. of Franklin and Main Sts.; **aluminum tablet** stamped "876—1908"	**875.965**
Gratis, 5 mi. n. and 1.5 mi. e. of, on stone culv. opposite Dunkard Church at T road n.; chiseled square marked "803.27"	803.02
Farmersville, 4 mi. w. at, at s. e. cor. of concrete floor of small iron bridge at crossroads; chiseled square marked "875.9"	875.63

Parkersburg Quadrangle

Moore Junction w. along M. C. & C. Ry. to Dunbar

Moore Junction, 0.4 mi. w. of, on rock, n. of track; **chisel square** marked "U. S. B. M. 629" white paint	**628.883**
Tunnel station, on top of small culv. on n. of track; chisel square marked "U. S. B. M. 800" white paint	800.00
Tunnel station, 1.0 mi. w. of, on s. e. abut. of culv., on s. of track; chisel sq. marked "U. S. B. M. 762"	761.92
McAvan sta., 0.2 mi. w. of, on rock, n. end of small culv.; chisel sq. marked "U. S. B. M. 774" white paint	773.56
Fleming, in n. found'n of Wm. Thomas Fleming dwelling, 150 ft. s. e. of P. O. and sta.; **bronze tablet** stamped "796 Grafton 1902"	**796.148**
Napier, in front of station; top of rail	801.0
Napier station, n. of track, at overhead bridge, in face of rock; **bronze tablet** stamped "803 Grafton 1902"	**802.472**

Dunbar s. along highway via Fillmore to Little Hocking

Dunbar, 1.0 mi. s. of, on rock, w. of rd.; chisel sq. marked "U. S. B. M. 792"	791.96
Dunbar, 3 mi. s. of, on s. e. abut. of small bridge; chiseled square	747.76
Fillmore P. O., 2.2 mi. s. e. of, on rock, e. of rd.; chisel mark	790.13

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	Feet
Fillmore, 3.2 mi. s. e. of, on rock, s. w. found'n of highway bridge over Little Hocking River; chisel square	601.18
Fillmore P. O., 4.2 mi. s. e. of, on stone e. of rd., on top of small drain; chisel square marked "670"	670.16
Little Hocking, on top of s. w. abut. pier of B. & O. Ry. bridge over Little Hocking River; **bronze tablet** stamped "619 Grafton 1902" (destroyed)	**619.005**
Little Hocking, n. e. cor. of e. pier of B. & O. S. W. water tank at Little Hocking River (elev. doubtful)	**626.695**
Little Hocking, s. w. found. of B. & O. brg. over Little Hocking Cr.; **chiseled sq.**	**623.366**
Napier along rd. n. to Browns Mill, thence e. to Willow Farm	
Napier, 1 mi. n. of, on rock e. of rd.; chisel sq. mkd. "U. S. B. M. 916" white paint	915.97
Napier sta., 2.0 mi. n. of, on rock, e. of rd.; chisel sq. mkd. "U. S. B. M. 934"	933.75
Napier station, 4.0 mi. n. of, on rock, 20 ft. e. of rd.; chisel sq. marked "U. S. B. M. 813" white paint	813.24
Browns Mill P. O., 1 mi. n. e. of, W. J. M. Slottar's barn, in found. stone, near cen. on s. side; **aluminum tablet** stamped "814 Grafton 1902"	**814.202**
Browns Mill, 2.0 mi. n. e. of, on rock, on s. of rd.; chisel mark	919.64
Browns Mill P. O., 2.9 mi. n. e. of, on s. e. abut. of small bridge over Melster Creek; chiseled square	790.57
Browns Mill P. O., 5.2 mi. n. e. of, on ledge of rock at stream +ing, on n. of road; chisel square	651.05
Browns Mill P. O., 6 mi. n. e. of, on small stone, s. of rd.; chisel square	684.78
Browns Mill P. O., 8.0 mi. n. e. of, on rock, n. of rd.; chisel square	792.15
Browns Mill P. O., 9 0 mi. n. e. of, on small rock n. of rd.; chiseled square	792.24
Browns Mill P. O., 10.0 mi. n. e. of, on rock, on n. side of rd.; chisel square	687.79
Browns Mill P. O., 11.0 mi. n. e. of, on rock near stream, on s. side of road; chisel square	654.91
Browns Mill P. O., 12 mi. n. e. of, on stone on n. of rd.; chisel square	667.96
Browns Mill P. O., 13.1 mi. n. e. of, on stone on n. of rd.; chisel square	629.60
Browns Mill, 13.3 mi. n. e. of, on top of n. w. abut of cov. highway bridge over Rainbow Creek; **bronze tablet** stamped "636 Grafton 1902"	**635.893**
Belpre w. along B. & O. S. W. Ry. to Little Hocking (precise line)	
Belpre, on wing wall of second pier from w. end of B. & O. S. W. Ry. bridge across Ohio River; **chiseled square** marked B. M. (C. & G. S. B. M. XL)	**621.030**
Little Hocking, s. w. cor. of abut. of ry. brg. over Little Hocking Cr., near its junc. with Ohio River; **chiseled square** marked B. M. (C. & G. S. B. M. XLI)	**623.398**
Left shore of Ohio River (Army Engineers' precise line)	
Muskingum Island, about 400 feet s. w. of foot of, Army Engineers' U. S. B. M. 176-A, n. end of Cleveland Stone Co., s. side of siding of Ohio River Ry., 50 ft.. e. of switch stand; **cut** on stone, Elev. 615. 231	**614.764**
Briscoe station, 100 ft. downstream from, and 200 ft. downstream from head of Vienna Island, Army Engineers' U. S. B. M. 177-A, on e. abut. of Ohio River Ry. brg. 872 over Briscoe Run, 4.7 ft. n. of cen. of track and 1.4 ft. from face of abut.; on top of **capstone**, Elev. 614.527	**614.059**
Parkersburg, W. Va., cor. Fifth and Juliana Sts., Army Engineers' U. S. B. M. 183-A, s. e. cor. of U. S. Custom House and P. O., on top of found. water table; **chiseled square**, Elev. 616.112	**615.639**

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	Feet
Belpre, intersection of Florence St., and B. & O. Ry. bridge over Ohio River, Army Engineers' U. S. B. M. 183-B, on river face of second pier w. of w. channel pier, 1.3 ft. s. of e. cor. of pier, about 4.5 ft. above ground; on top of **watertable**, Elev. 610.626	**610.153**

Paulding Quadrangle

0.5 mi. e. of Latty s. along highway to 1 mi. n. e. of Scott

Latty, 0.5 mi. e. of, at T road w.; **iron post** stamped "729 Ohio"	**729.512**
Latty, 0.5 mi. e. by 0.5 mi. s. of, at +rds., in s. e. wing of small iron bridge, 20 ft. n. of +rds.; top of bolt painted "727.5" and marked with circle	727.51
Latty, 0.5 mi. e. by 1.5 mi. s. of, on s. w. wing wall of bridge over Blue Cr.; chiseled circle painted "729.4"	729.51
Latty, 0.5 mi. e. by 2.5 mi. s. of, at n. e. cor. of +rds.; **iron post** stpd. "732 Ohio"	**732.272**
Latty, 0.5 mi. e. by 3.5 mi. s. of, 80 ft. s. of U. B. Church, at s. e. corner of + rds.; spike in telephone pole, painted "735.1"	735.20
Scott, 0.5 mi. e. by 1 mi. n. of, s. e. cor. of +rds.; **iron post** stamped "737 Ohio"	**736.891**

Paulding w. and s. along rds. via Briceton to 1 mi. e. of Tipton

Paulding, 90 ft. s. of sta., at st. +ing; top of e. rail, painted "T. B. M. 724.3"	724.30
Paulding, 0.25 mi. w. of, at T rd. intersec.; spike in electric light pole, painted "T. B. M. 727.2"	727.16
Paulding, 2.5 mi. w. of, at s. e. cor. of +roads, quarter section cor.; **iron post** stamped "Prim. Trav. Sta. No. 45—1910—Ohio—731"	**730.839**
Paulding, 3 mi. w. of, at n. w. cor. of +roads; **spike** in teleph. pole, painted "T. B. M. 731.864"	**731.854**
Paulding, 3.25 mi. s. w. of, 80 ft. n. w. of district No. 1 school, n. w. cor. of +rds.; spike in cor. fence post, painted "T. B. M. 730.6"	730.64
Briceton, 1.5 mi. n. of, s. w. cor. of +rds.; spike in tel. pole, painted "T. B. M. 731.4"	731.42
Briceton, 0.5 mi. n. of, at s. w. cor. of +roads, 80 ft. s. of Briceton school; spike in cor. fence post, painted "T. B. M. 734.9"	734.92
Briceton, 30 ft. n. of ry. at +ing; **iron post** stamped "739 Ohio"	**738.786**
Briceton, 0.5 mi. s. of, at s. w. cor. of +rds.; spike in tel. pole, painted "737.0"	737.06
Briceton, 0.5 mi. s. by 1 mi. w. of, at s. e. cor. of T rd. s.; spike in cor. fence post, painted "T. B. M. 740.9"	740.98
Briceton, 1.5 mi. s. by 1 mi. w. of, at s. e. cor. of +roads; spike in telephone pole, painted "T. B. M. 740.7"	740.71
Briceton, 2.5 mi. s. by 1 mi. w. of, n. w. cor. of +rds.; **iron post** stpd. "745 Ohio"	**744.565**
Briceton, 3.5 mi. s. by 1 mi. w. of, at s. e. cor. of +roads; spike in telephone pole, painted "T. B. M. 741.5"	741.59
Tipton, 1 mi. e. of, 100 ft. s. of +rds.; top of n. rail, painted "747.6"	747.70

Broughton w. and n. along rds. via Paulding to Emmett, thence to 2.5 mi. n. e. of Emmett

Broughton, 0.2 mi. n. of, s. e. cor. of +rds., at n. w. cor. of M. E. Church; **iron post** stamped "726"	**725.998**
Broughton, 0.2 mi. n. by 1 mi. w. of, at n. e. cor. of +roads; spike in base of fence post, marked "727.4"	727.46
Latty, 0.5 mi. e. by 0.5 mi. n. of, n. e. cor. of +roads; spike in base of post, marked "729.503"	**729.54**

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	Feet
Paulding, 0.3 mi. e. by 2 mi. s. of, on w. side of rd. at T rd. e. and lane w., on top of s. wall of concrete culv.; chiseled square marked "728.5"	728.52
Paulding, 0.3 mi. e. by 1.5 mi. s. of, n. w. cor. of T rd. w., on n. wall of concrete culvert; chiseled square marked "729.1"	729.07
Paulding, 0.3 mi. e. of, on Charloe road, s. w. cor. of +roads; spike in base of telephone pole, marked "724.51"	724.50
Paulding, 0.25 mi. e. of courthouse, n. w. cor. of Perry Street and Junction Rd., 500 ft. e. of Perry Street bridge; **iron post** stamped "719"	**719.143**
Paulding, n. w. cor. of Perry Street and Emmett pike; chiseled sq. on stone curbing, marked "720.840"	720.81
Paulding, 1.6 mi. n. e. of, n. e. cor. of +rds.; chiseled square on top of concrete culvert, marked "724.7"	724.64
Paulding, 2 mi. n. e. of, n. w. cor. of +rds.; spike in base of telephone pole, marked "723.4"	723.33
Paulding, 3 mi. n. e. of, n. e. cor. of +roads; spike in base of telephone pole, marked "722.3"	722.22
Paulding, 4.2 mi. n. e. of, on s. bank of e.-w. canal, n. side of rd. and e. side of private road at road forks; **iron post** stamped "721"	**721.386**
Emmett, 1.5 mi. s. of, n. e. corner of T rd. e.; spike in base of telephone pole, marked "721.7"	721.56
Emmett, 0.5 mi. n. of, n. w. cor. of +rds. at schoolh.; **iron post** stamped "718"	**718.167**
Emmett, 0.5 mi. n. by 1 mi. e. of, n. e. corner of crossroads; spike in base of fence post, marked "717.8"	717.66
Emmett, 0.5 mi. n. by 2 mi. e. of, s. w. cor. of crossroads; chiseled square on concrete drain, marked "718.62"	718.40
Point 4 miles west of Melrose to Broughton	
Hedges, 0.2 mi. n. by 0.2 mi. e. of, at n. e. cor. of crossroads; spike in base of telephone pole, marked "720.5"	720.54
3 mi. w. of Paulding n. along rds. to 4.7 mi. e. of Antwerp	
Paulding, 3 mi. w. by 1 mi. n. of, w. side of crossroads, in s. e. cor. of small wooden bridge; painted spike head marked "730.6"	730.60
Paulding, 3 mi. w. by 2 mi. n. of, at s. e. cor. of +rds., on n. end of concrete culvert; chiseled square marked "730.2"	730.19
Antwerp, 4.7 mi. e. by 1 mi. s. of, 50 ft. s. e. of +rds.; **iron post** stamped "731"	**731.057**
Antwerp, 4.7 mi. e. of, s. e. corner of +roads, on s. end of concrete culvert; chiseled square marked "728.1"	728.12
3 mi. s. of Mark Center s. w. along rd. to 4.7 mi. n. e. of Antwerp	
Mark Center, 3 mi. s. of, n. e. corner of crossroads, s. w. cor. of Dunakin's residence; **iron post** stamped "722"	**721.825**
Mark Center, 3 mi. s. by 1 mi. s. w. of, on n. bank of Maumee River, on s. side of rd., in rd. forks; spike in base of mailbox post, marked "721.9"	722.13
Mark Center, 3 mi. s. by 1.8 mi. s. w. of, 100 ft. s. w. of rd. forks, n. e. cor. of small wooden brg.; top of iron bolt painted white, marked "698.7"	698.97
Cecil, 1.6 mi. w. by 0.7 mi. n. of, on s. side of road at forks; spike in base of telephone pole, marked "718.8"	718.78
Cecil, 2.5 mi. w. by 0.25 mi. n. of, on n. side of rd. at T rd. s.; spike in base of corner fence post, marked "720.5"	720.52
Cecil, 2.5 mi. w. by 0.5 mi. s. of, n. e. cor. of +rds.; **iron post** stamped "723"	**723.429**

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	Feet
Antwerp, 4.7 mi. n. e. of, n. bank of canal; chiseled square on south wall of concrete culvert over canal, marked "726.1"	726.05

3 mi. s. e. of Antwerp s. via Payne to crossroads at St. Paul Church

Antwerp, 3 mi. s. e. by 1 mi. e. of, n. w. corner of +rds.; chiseled square on concrete culvert, marked "737.2"	737.27
Antwerp, 3 mi. s. e. of, n. e. corner of +roads on Payne pike, in s. w. cor. of school yard; **iron post** stamped "Prim Trav. Sta. No. 44—Ohio—1910—737"	**737.541**
Antwerp, 4 mi. s. e. of, 3 mi. n. of Payne, 50 ft. s. e. of +roads, in n. w. cor. of field; **iron post** stamped "Prim. Trav. Sta. No. 2—1905—743"	**742.860**
Payne, 2 mi. n. of, n. w. cor. of +rds.; spike in base of tel. pole, marked "744.3"	744.45
Payne, 1 mi. n. of, n. e. cor. of +rds.; spike in base of tel. pole, marked "746.7"	746.88
Payne, 1.6 mi. n. e. of, s. w. cor. of +rds.; spike in base of tel. pole, mkd. "743.9"	744.04
Payne, 1.25 mi. n. e. of, n. w. corner of road forks, at n. end of gate to field; **iron post** stamped "743"	**743.528**
Payne, 0.8 mi. e. of, at road crossing; top of n. rail, marked "747.1"	747.29
Payne, n. e. cor. of Main and Marion Sts.; chiseled sq. on curb., marked "750.5"	750.66
Payne, 1.1 mi. s. of, s. e. cor. of +rds.; spike in base of fence post, marked "750.0"	750.12
Payne, 2.2 mi. s. of, n. e. cor. of +roads; **iron post** stamped "754"	**753.838**
Payne, 3.2 mi. s. of, s. w. corner of crossroads; chiseled square on s. wall of concrete culvert, marked "756.3"	756.51
Batson, 1 mi. e. of, s. w. corner of crossroads; chiseled square on s. wall of concrete culvert, marked "758.2"	758.49
Batson, 1 mi. e. of, at road crossing; top of s. rail, marked "760.0"	760.33

Antwerp n. along highways to Erter schoolhouse

Antwerp, 100 ft. e. of Wabash Ry. sta.; top of s. rail of main track	733.3
Antwerp, 1.3 mi. n. of, n. end of bridge over Maumee River; copper nail in circle painted "724.4"	724.44
Antwerp, 2 mi. n. of, n. w. cor. of +roads, 100 ft. n. w. of Stinger school (district No. 2); spike in telegraph pole, painted "735.8"	735.87
Antwerp, 2.5 mi. n. by 1 mi. e. of, n. e. cor. of T rd. e.; spike in base of fence post	734.33
Carryall Township, corner of secs. 10, 11, 14, and 15, n. w. corner of +roads, 3 ft. w. of fence corner; **iron post** stamped "730 Ohio"	**729.624**
Carryall Township, corner of secs. 11, 12, 13, and 14, n. e. corner of cross-roads; spike in base of 6-inch elm tree	730.62
Carryall Township, corner of secs. 1, 2, 11, and 12, n. w. corner of crossrds., 75 ft. s. e. of Erter schoolhouse; spike in telephone pole	722.83

0.5 mi. s. of Knoxdale s. along rds. to 3 mi. s. e. of Antwerp

Knoxdale, 0.5 mi. s. of, on s. side of road at T road n.; spike in base of fence post, marked "728.3"	728.36
Antwerp, 2.7 mi. n. e. of, 50 ft. s. of +rds., in bed of canal; **iron post** stpd. "728"	**728.214**
Antwerp, 1.7 mi. n. e. of, on n. end of w. wall of concrete culvert over canal at crossroads; chiseled square marked "729.9"	729.93
Antwerp, 0.7 mi. n. e. of, s. e. corner of crossroads; spike in base of teleph. pole, marked "735.4"	735.52
Antwerp, at forks of Canal rd. and Payne pike, 140 ft. s. of center of forks, 10 ft. w. of Payne pike; **iron post** stamped "732"	**732.140**

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Antwerp, 1 mi. s. e. of, n. e. cor. of +rds.; spike in base of tel. pole, mkd. "736.3"	736.40
Antwerp, 2 mi. s. e. of, n. e. cor. of +rds.; spike in base of tel. pole, mkd. "734.6"	734.71
Antwerp, 2.0 mi. s. e. by 1.0 mi. e., s. w. cor. of +roads, in s. e. corner of wooden culv. over ditch; spike head painted white	735.09

6 mi. n. of Convoy, e. along rd. to 1 mi. s. e. of Haviland

Tipton, 3 mi. w. by 1 mi. s. of, 80 ft. n. e. of St. Paul Church, at +rds.; **iron post** stamped "Prim. Trav. Sta. No. 18—Ohio—1909—759"	**759.541**
Tipton, 1 mi. s. by 2 mi. w. of, 6 mi. n. of Convoy at +rds., s. e. cor. of concrete culv.; painted circle, e. nail painted "756.1"	756.24
Tipton, 1 mi. s. by 1 mi. w. of, at T rd. s., in plank 6 in. from s. edge, in floor of small wooden brg.; spike, painted circle "T. B. M. 753.0"	753.13
Tipton, 1 mi. s. of, at s. e. cor. of +rds., 100 ft. s. e. of Blue Creek township school (district No. 6); painted circle on concrete wall culv. painted "752.3"	752.51
Tipton, 1 mi. e. by 1 mi. s. of, at n. e. cor. of +rds.; spike in telephone pole, painted "748.3"	748.42
Tipton, 2 mi. e. by 1 mi. s. of, 150 ft. e. of crossrds., n. side of rd.; **iron post** stamped "747 Ohio"	**746.653**
Tipton, 3 mi. e. by 1 mi. s. of, n. e. cor. of +rds.; spike in tel. pole, painted "744.7"	744.82
Haviland, 0.5 mi. w. by 1 mi. s. of, on w. side of +rds.; chiseled circle in stone culvert, painted "740.5"	740.65
Haviland, 0.5 mi. e. by 1 mi. s. of, at s. e. cor. of +rds.; **iron post** stpd. "737 Ohio"	**736.891**

Peebles Quadrangle

Rarden to point 2 mi. w. of Lawshe along N. & W. Ry.

	Feet
Rarden, 2.1 mi. w. of, mi. post "C 80 P 27," side of track, on top of stone culv.; chiseled sq. painted "616.2"	616.31
Jaybird, (Mineral Springs sta.), s. e. cor. of rd. +ing at sta., 5 ft. s. e. of warning post; **iron post** stamped "629"	**629.061**
Peebles, 2.4 mi. e. of, 15 ft. n. of ry., 10 ft. e. of road, at marl-bank switch rd. +ing; **iron post** stamped "760"	**760.315**
Peebles, 500 ft. e. of station, 25 ft. e. of center of rd. and 10 ft. n. of ry. +ing; **iron post** stamped "813"	**813.480**
Lawshe, 250 ft. e. of sta., 75 ft. w. of rd. and 20 ft. s. of ry. at rd. +ing; **iron post** stamped "648"	**648.310**

Jaybird via Mineral Springs, Wamsley, and Blue Creek to Pink

Mineral Springs, 1.3 mi. n. e. of, s. of rd. at bend, n. side of hill near bottom, on top of stone; chisel mark painted "868.3"	868.47
Mineral Springs, 1 mi. n. e. of, in n. w. corner of rd. forks on top of hill, at private rd. n. w.; **iron post** stamped "1127"	**1127.269**
Mineral Springs, 300 ft. n. of Mineral Springs Hotel, 20 ft. e. of forks, s. end of w. stone abut. of brg. in top; chisel mark painted "758.780"	758.95
Mineral Springs, 2.1 mi. s. e. of, s. e. cor. of T rd. s., 30 ft. e of forks, s. of rd., opposite Antioch Church and school; **iron post** stamped "671"	**671.208**
Mineral Springs, 2.6 mi. s. e. of, on stone s. of road; chisel mark painted "640"	640.10
Wamsley, 1.3 mi. s. w. of, w. of rd., 20 ft. n. of McClellan Jones' store, 150 ft. n. of T rd. w.; **iron post** stamped "619"	**618.934**
Blue Creek, W. S. Newman's store, 15 ft. n. of rd. forks, e. of rd. and at T rd. e.; **iron post** stamped "641"	**641.679**

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	Feet
Pink, 75 ft. e. of stone, n. of road, in fence cor.; **iron post** stamped "899 Prim. Trav. Sta. No. 10—1910"	**898.683**
Pink, 0.2 mi. e. of, 50 ft. n. w. of Kidder's store, in s. w. corner of forks, on stone; chiseled mark painted "874.8"	875.00

Wamsley via Cedar Mills to West Union

Cedar Mills, T road, Peebles and Wamsley pikes, n. side of road, opposite fork; **iron post** stamped "564"	**564.509**
Cedar Mills, 2.3 mi. w. of, n. e. corner of T road, in root of hackberry tree; nail head painted "535.600"	536.03
Cedar Mills, 3.6 mi. w. of, at road +ing, in root of red oak at n. e. cor.; nail head painted "606.828"	607.33
Cedar Mills, 5.3 mi. w. of, opposite Blue Creek pike, near telephone pole; **iron post** stamped "905"	**905.590**

Peebles via Fawcett and Cedar Mills to Tulip

Peebles, 2.7 mi. s. e. of, 0.25 mi. n. of school building, on n. w. cor. of stone abut. of culv. at T road; chiseled circle	827.18
Peebles, 3.1 mi. s. e. of, e. of pike and about 0.25 mi. s. of school building, on rock at T road, e. side of pike; chiseled circle	825.80
Fawcett, 2.3 mi. n. of, 40 ft. s. of pike at T road, on n. w. cor. of stone abut. of building; chiseled circle	804.17
Fawcett, about 30 ft. w. of store, near tel. pole at rd. +ing; **iron post** stpd. "837"	**836.870**
Cedar Mills, 1 mi. n. of, on e. side of highway, in front of Cedar school bldg.; in root of large white oak tree; spike	787.08
Cedar Mills, 3.6 mi. s. of, n. e. corner of stone abut. of iron bridge on pike, w. of Linx store; chiseled circle	716.58
Tulip, 3.1 mi. n. of, w. of highway at road forks, about 0.25 mi. n. of house, mark on limestone rock; chiseled circle	765.58

Blue Creek to Tulip

Blue Creek, 3.1 mi. w. of, s. e. cor. of rds.; in base of sycamore; nail head	686.24
Blue Creek, 5.9 mi. w. of, on high hill, junc. with lane passing through farm to rd. leading to Tulip, in base of pignut tree at n. w. cor.; top of nail head.	1150.79

Perry Quadrangle

Painesville e. along North Ridge road to Lake-Ashtabula county line road, thence s. to Unionville, thence w. along South Ridge road to Painesville

Painesville, 5.75 mi. n. e. of, 100 ft. e. to T rd. n., s. side of e. and w. ridge rd; at n. w. cor. of large frame house, n. side, in face of found. wall; **aluminum tablet** stamped "686 Cleveland"	**686.461**
North Madison, on top of s. e. cor. of 4 by 4-in. flat stone over old well, at n. e. cor. of +roads; chiseled circle	675.95
North Madison, 200 ft. n. e. from cen. of +rds, n. w. cor. of found'n wall of First Congregational Church, in found. wall; **aluminum tablet** stpd. "676 Cleveland"	**676.196**
North Madison, 1.5 mi. e. of, at Archole +roads, at w. end of truss on n. side of e.-w. rd. of iron bridge over creek; bolt head	661.97
North Madison, 2.5 mi. e. of, on high pt. of limestone boulder at n. e. cor. of +roads, Lake-Ashtabula Co. rd.; painted **circle**	**674.531**

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	Feet
Unionville, at s. w. cor. of crossroads, at front entrance to dry goods store, on 4 by 4-ft. sandstone step; chiseled circle	744.35
Unionville, 1.5 mi. w. of, on top of 1½ by 1-ft. red granite boulder at s. w. cor. of +rds.; chiseled circle	738.41
Unionville, 1.75 mi. s. of, Lake-Ashtabula county line road, s. w. cor. +rds., n. e. cor. of J. H. Fowler's res. in found. wall; **bronze tablet** stpd. "856 Cleveland"	**856.198**
Harpersfield, 2.75 mi. w. of, Lake-Ashtabula county line rd., at n. w. cor. of +roads; on high point of large sandstone boulder, painted	847.31
Madison, on lower cement step at s. e. cor. of front entrance of Congregational Church, on s. side of city park; chiseled circle	740.73
Madison, on w. side of n. w. cor. of foundation of town hall; **bronze tablet** stamped "744 Cleveland"	**743.511**
Madison, 2 mi. w. of, at +rds. on s. side of e.-w. road, at w. end of 2.5 by 4-foot sandstone over culvert; chiseled circle	730.54
Madison, 3 mi. w. of, on top of cen. of 1.5 by 4-ft. culv. stone, on s. side of ridge rd., 200 ft. e. of T road n., 800 ft. w. of T rd. s.; chiseled circle	729.48
Madison, 4.5 mi. w. of, on high pt. of 2 by 2-ft. sandstone boulder at n. w. cor. of +roads, 0.5 mi. s. of Perry; chiseled cross	742.42

Perrysville Quadrangle

Mansfield via Lucas to Bellville, thence to Butler, thence s. w. along B. & O. Ry. to point near Ankenytown

Mansfield, 1.70 mi. s.e. of, brg. No. 152, e. abut., n.e. cor.; **chisel mark** (Pa. Ry. B.M.)	**1139.799**
Mansfield, 2.5 mi. s. e. of, e. side of ry. at +ing; spike in base of teleph. pole	1138.94
Lucas, 2.3 mi. n. w. of, in top of concrete pier, 35 ft. w. of signal tower 1706; top of 1-inch iron rod	1159.08
Lucas, 1.3 mi. n. w. of, 100 ft. w. of crossing, 250 ft. s. of signal tower 1696; chiseled square on granite rock at T road south	1136.82
Lucas, s. e. cor. of sta. yd., near ry. right-of-way; **iron post** stpd. "1104 Ohio".	**1104.016**
Lucas, 0.5 mi. w. of, on cor. of n. coping stone of small culv.; chiseled sq.	1106.8
Lucas, 1.5 mi. s. w. of, top of hill e. side of rd.; chiseled sq. on sandstone rock	1221.36
Washington, 1 mi. e. of, n. w. cor. of +rds.; bolt head in w. end of culvert	1337.81
Washington, s. w. cor. of +rds., w. end of culv.; chiseled sq. on large stone	1373.25
Washington, 1 mi. s. of, cen. of +roads; highest pt. on sec. corner stone	1373.79
Washington, 2.2 mi. s. of, 25 ft. n. of lane e., on e. side of road; highest point on sandstone rock	1424.99
Washington, 2.5 mi. s. of, s. end of culvert under wagon road at T road e.; chiseled square on granite rock	1302.78
Washington, 3.2 mi. s. of, 3.5 mi. n. e. of Bellville, at n. e. cor. of Ebenezer Church, near +roads; **iron post** stamped "1203 Ohio"	**1202.662**
Bellville, 2.5 mi. n. e. of, on n. side of road at T rd. n.; copper B. M. nail in root of sugar maple tree 3 ft. in diameter	1453.90
Bellville, 1.5 mi. n. e. of, n. end of small bridge under wagon rd.; chiseled sq.	1284.27
Bellville, on e. abut. s. side of brg. over Clear Fork Mohican River, 25 ft. n. w. of n. end of B. & O. Ry. station platform; chiseled square	1126.12
Bellville, 2 mi. s. e. of, 25 ft. w. of second ry. +ing s. of Bellville, on s. abut. of small concrete culvert under railroad; chiseled square	1111.35
Bellville, 3 mi. s. e. of, 260 ft. w. of ry. +ing, at s. e. cor. of T rd. e., 2.8 mi. n. w. of Butler; **iron post** stamped "1102 Ohio"	**1101.559**

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Gatton Rock, 60 ft. s. of sta., on e. side of ry.; spike in base of teleg. pole..	1097.94
Butler, 1.4 mi. n. w. of, 20 ft. s. of public rd. at +ing, on e. side of track; spike in base of telegraph pole	1082.11
Butler, 0.4 mi. n. of sta., 60 ft. n. of crossing, on concrete signal tower on w. side of track; chiseled square	1069.79
Butler, 520 ft. n. of sta., 20 ft. e. of track, 20 ft. n. of public rd., on railroad right-of-way; **iron post** stamped "1070 Ohio"	**1069.933**
Butler, 1 mi. s. w. of, first drift bolt in n. end of w. side of small bridge; 30 ft. s. of private ry. crossing	1097.80
Butler, 2.1 mi. s. w. of, 25 ft. s. of railroad at +ing, on coping stone of n. abut. e. side of small brg.; chiseled square	1128.87
Butler, 3.4 mi. s. w. of, 25 ft. e. of railroad at crossing, on railroad right-of-way; nail in top of corner post	1137.72
Butler, 4.2 mi. s. w. of, 1.7 mi. n. e. of Ankenytown, on e. side of rd., 25 ft. s. of crossing, near Richland-Knox county line; **iron post** stamped "1126 Ohio"	**1125.682**
Ankenytown, 0.6 mi. n. e. of, 30 ft. s. of crossing, on e. end of concrete culv. under railroad; chiseled square	1118.88

Butler s. along highways to point near Amity

Butler, 0.8 mi. s. of, at s. e. end of concrete culvert; top of parapet	1162.62
Butler, 2 mi. s. of; n. end of concrete step of Henry Brokaw's house	1315.69
Butler, 3 mi. s. of; top of boulder at upper end of wooden box culvert	1329.60
North Liberty, 0.5 mi. n. of, at s. w. cor. of T lane; spike in telephone pole..	1295.42
North Liberty, 50 ft. s. of M. E. Church; **iron post** stamped "1305 Ohio"	**1305.071**
North Liberty, 0.5 mi. s. by 0.5 mi. e. of, on n. w. cor. e. abutment of small bridge; top of masonry	1210.78
North Liberty, 1.25 mi. s. by 1 mi. e. of; top of lower end of cast-iron pipe culvert 18 inches in diameter	1262.77
Amity, 2.8 mi. n. of; top of lower end of cast-iron pipe culv. 12 in. in diam..	1244.94

Point 3.5 mi. n. w. of Danville n. along highway to Perrysville

Jelloway, 3.2 mi. s. of, at n. e. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 65—989"	**988.892**
Jelloway, 2.2 mi. s. of, 60 ft. n. of T rd. w., on s. abut. e. side of small stone bridge; chiseled square	1017.62
Jelloway, 0.9 mi. s. of, on e. end of tile culv. under rd. at T rd. w.; highest pt.	1046.48
Jelloway, in s. w. cor. of public school yd.; **iron post** stamped "1092"	**1092.268**
Jelloway, 1.3 mi. n. of, 150 ft. s. of +roads, on w. side of concrete culvert under wagon road; chiseled square	1114.25
Jelloway, 2.2 mi. n. of, on e. side of rd., 75 ft. s. of T rd., on large sandstone rock; chiseled square	1133.38
Jelloway, 3.7 mi. n. w. of, 75 ft. e. of T rd. n., on w. abut e. side. of iron brg. over creek; chiseled square	1150.23
Perrysville, 5.8 mi. s. w. of, at n. e. cor. of Free Methodist Church at T rd. n.; **iron post** stamped "1190"	**1189.500**
Perrysville, 4.9 mi. s. w. of, 25 ft. n. e. of cen. of +rds., on s. end e. side of abut. of bridge; chiseled square	1218.14
Perrysville, 3.5 mi. s. w. of, 300 ft. s. of Y rd., on n. abut. w. side of small bridge; chiseled square	1076.07

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	Feet
Perrysville, 2.6 mi. s. w. of, 320 ft. n. of brg. over Clear Fork of Mohican River, in stiffener on n. end e. side of brg. over mill race; first nail head.	1002.26
Perrysville, 1.1 mi. s. w. of, on n. end of cast-iron drain under wagon rd. at T rd. s.; highest point	1078.41
Perrysville, 95 ft. n. of T rd. w., on wing wall of brg. over Black Fork of Mohican River, s. end e. side; chiseled square	967.36
Perrysville, 15 ft. e. of front entrance to public schoolh.; **iron post** stpd. "999"	**999.184**
Perrysville, 0.5 mi. w. of, on n. e. cor. of e. abut. of brg. 142 of Pennsylvania Ry.; chiseled square	989.04

Philo Quadrangle

South Zanesville southeast via Philo to Durant

Buckeye, in front of station; top of rail marked "713.2"	713.3
Buckeye station, 0.25 mi. s. of, in wing e. side of county bridge, 50 ft. e. of B. &. O. Ry.; **aluminum tablet** stamped "688"	**688.137**
Frazier sta., n. e. cor. of A. M. Shylock's field, 24 ft. n. of s. rail B. & O. Ry., 31 ft. from cen. of n.-s. road; **iron post** stpd. "Prim. Trav. Sta. No. 63—701"	**700.958**
Government Lock at Philo; **chiseled square** marked "688.5"	**687.897**
Philo station, 0.22 mi. n. of, 20 ft. e. of B. & O. Ry., in county brg. retaining wall over Muskingum River; **aluminum tablet** stamped "694"	**693.933**
Philo, in front of station; top of rail marked "701"	701.0
Philo, 1.78 mi. s. of, 30 ft. from B. & O. Ry. in stone arch bridge on w. side; **aluminum tablet** stamped "685"	**684.943**
Merriam, 0.82 mi. s. of, in coping w. side of culv.; **aluminum tablet** stpd. "690"	**690.033**
Durant, 300 ft. w. of railroad, 25 ft. from public rd.; **iron post** stamped "Prim. Trav. Sta. No. 67—676.4"	**676.419**

Zanesville southeast via O. R. & W. Ry. to Freeland

Zanesville, on n. e. cor. of curb approach to Fifth St. bridge; chisel mark	707.55
Mill Run sta., 1 mi. e. of Zanesville, on n. w. cor. of stone bridge, chisel mark	723.55
Mill Run, 2.5 mi. s. e. of, 200 ft. n. of ry., in s. w. cor. wing wall, 2 ft. below bridge floor of small dirt road bridge; **aluminum tablet** stamped "805"	**804.835**
Carlwick station, 700 feet w. of, in bridge seat at s. e. corner of bridge over Boggs Creek at road fork; **aluminum tablet** stamped "740"	**739.598**
Chandlersville, in w. face of stone stile block at s. e. cor. of T rd. to s. by I. O. O. F. building; **aluminum tablet** stamped "734—1908"	**733.464**
Freeland, 152.2 ft. s. w. of sta., in George Thorla's field; in top of 12x12-in. **rock post**, chiseled "Prim. Trav. Sta. No. 69—766"	**765.986**

Rowland north to Freeland

Rowland postoffice, 0.5 mi. n. of, at T rd. w., in n. e. cor. of Walton Blackledge's field; **iron post** stamped "Prim. Trav. Sta. No. 68—738"	**737.300**
Rowland, 2.17 mi. n. of, e. of road, T road e., on large rock; chiseled square marked "756.64"	755.80
Rowland, 3.81 mi. n. of, 80 yards e. of private rd. leading to Oakland Church, on s. abut. w. side of bridge over creek; **aluminum tablet** stamped "757"	**755.946**
Rowland, 5.77 mi. n. of, at T rd. w., on rock; chiseled sq. painted "1047.21"	1046.37
Rowland, 6.72 mi. n. of, e. of rd., on large rock; chiseled sq. painted "1157.76"	1156.92

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	Feet
Rowland, 7.26 miles n. of, in third stone step at s. door east side of High Hill Presbyterian Church; **aluminum tablet** stamped "1198"	**1197.276**
High Hill, in front of N. J. Bell's store, on rock; chiseled sq. marked "1189.8"	1188.97

Zanesville north five miles

Zanesville, 3 mi. n. of, just w. of Zanesville and Gilbert rd., between B. & O. Ry. and C. & M. V. Ry., in s. e. cor. of field of Mrs. Marguerite Clark, in stone post; **aluminum tablet** stamped "Prim. Trav. Sta. No. 62—705"	**705.210**
Zanesville, 3.6 miles n. of, in ground on w. side of track opposite milepost "T-13;" top of rail set vertically, marked "B. M. 723"	722.98
Zanesville, 4.6 miles n. of, in ground on w. side of track opposite milepost "T-12;" top of rail set vertically, marked "B. M. 721"	720.60

Zanesville along B. & O. Ry. to Sundale (precise line)

Zanesville, 3.94 mi. n. e. of, e. side of concrete culv.; **aluminum tablet** stpd."778"	**778.516**
Sonora, 40 ft. n. e. of B. & O. station; **iron post** stamped "808"	**808.637**
Sonora, in front of station; top of rail	808.0
Sonora, 2 mi. e. of, in concrete ry. culv., s. side of; **aluminum tablet** stmpd."778"	**778.596**
Sonora, 4.13 mi. e. of, in s. w. cor. of stone found'n of watering tank; **aluminum tablet** stamped "770"	**770.162**
Sundale, 0.12 mi. s. w. of, 30 ft. n. of track; **iron post** stamped "886"	**886.055**
Sundale, in front of station; top of rail	886.1

Near Sonora

Sonora, 1.34 mi. w. of, on concrete brg.; chiseled sq. marked "805.4"	805.35
Sonora, 1.52 mi. w. of, in field at n. e. cor. of T rd; top of iron post painted "848.2"	848.16

Piketon Quadrangle

Chillicothe s. via N. & W Ry. to Portsmouth (portion of precise line)

Piketon, in front of station; top of rail	571.8
Piketon, U. B. Church, n. w. cor. of found'n; **aluminum tablet** stamped "578".	**578.257**
Piketon, 2.21 mi. s. of, w. side of brdg. n. abut., top of retaining wall; chiseled sq.	558.33
Piketon, 3.83 mi. s. of, s. w. cor. of Mrs. Sargents' farm, e. side of ry.; **primary traverse tablet** stamped "580"	**579.656**
Sargents station, in front of; top of rail	578.7

Near Bainbridge s. along highway near w. border of quadrangle, (disconnected portions of lines)

Bainbridge, 1.5 mi. n. e. of, at s. e. cor. of +rds., 10 ft. e. of fence cor. on s. side of e. rd. at fence line; **iron post** stamped "711 Ohio"	**711.659**
Bainbridge, 1.5 mi. n. e. by 0.82 mi. s., at stream +ing rd., 390 ft. s. of Lewis Taylor's res., on e. side of rd. on s. bank of stream, 10 ft. w. of fence cor., on top of rock; chiseled sq. marked "720.9"	720.61
Bainbridge, 1.5 mi. n. e. by 1.5 mi. s., at cor. of rd. forks, top of s. concrete wing wall of e. end of small culv. under rd.; chiseled sq. marked "755.1"	754.86
Bainbridge, 1.5 mi. n. e. by 2 mi. s., 60 ft. n. of rd. forks, on e. edge of rd., in front of house standing on e. side of rd., in root on rd. side of 1-in. apple tree; copper B. M. tack marked "810.3"	810.04

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	Feet
Bainbridge, 3.1 mi. s. by 2.1 mi. s. e., Green Brier Church and Cem., w. of rd. in front of church, in root of 14-in oak; copper B. M. nail marked "1241.8"	1241.76
Morgantown, 3.5 mi. n. w. of, at Green Brier schoolh. on Green Brier Ridge, n.e. cor. of bldg., at foot of found. on top of stone; chiseled sq. marked "1211.9".	1211.86
Morgantown, 2.8 mi. n. w. of, on Green Brier Ridge, at res. of S. T. Creamer, in front of house on e. side of rd.. in root on rd. side of 30-in. poplar tree; copper B. M. tack marked "1247.7"	1247.65
Morgantown, 2.3 mi. n. w. of, on top of Green Brier Hill, 60 ft. s. of res. of John F. Vincent, on e. side of rd., on w. side of rd., in root on rd. side of 8-in. locust tree; copper B. M. tack marked "1257.5"	1257.49
Morgantown, 1.5 mi. n. w. of, at T rd. n. w. leading to Green Brier Ridge, in n. e. cor. of rd. forks, 50 ft. n. of cen. of rds., on e. side of n. rd., on w. bank of branch, in root on w. side of 12-in. locust tree; copper B.M. tack mkd. "711.2"	711.13
Morgantown, 2.4 mi. n. w. of, at T rd. s. w., on n. side of rd. forks; **iron post** stamped "Prim. Trav. Sta. No. 78—1909—750—Ohio"	**750.038**
Latham, on s. edge of town, at T rd. w. and street to e., in s. e. cor. of rds., diagonally opposite Reed and Son's store, on e. side of s. rd., 10 ft. s. of fence cor.; **iron post** stamped "634 Ohio"	**634.414**
Latham, 0.32 mi. s. of, at steel highway bridge over Sunfish Creek, on top of w. end of s. stone abut.; chiseled square marked "620.3"	620.34

Waverly n. w. along D. T. & I. Ry. to near Bainbridge

Waverly, 1.8 mi. n. w. of, on n. side of track, on n. w. cor. of stone culvert under ry.; chiseled sq. marked "617.6"	617.56
Waverly, 2.9 mi. n. w. of, in s. e. cor. of wooden abut. of viaduct crossing s. side of track; copper B. M. nail marked "649.7"	649.73
Waverly, 2.9 mi. n. w. of, at n. w. cor. of Peck schoolh. yd.; **iron post** stpd. "615"	**614.750**
Waverly, 4 mi. n. w. of, ry. +ing, on s. side of track, in n. end of box culv. under rd. 4 ft. s. of track; copper B. M. nail marked "697.7"	697.65
Denver, 0.58 mi. s. e. of, on s. side of track in sandstone ledge; chiseled sq. painted "789.2"	789.16
Denver, 70 ft. n. of +ing, on s. e. abut. of iron bridge over Crooked Creek; chiseled sq. marked "833.0"	832.93
Denver, 175 ft. n. of, at s. w. cor. of T rd. s., on iron bridge over left fork Crooked Creek; **iron post** stamped "836"	**835.675**
Denver, 1.38 mi. n. w. of, 40 ft. w. of ry. +ing, on n. side of track, in base of teleg. pole; ry. spike marked "899.7"	899.63
Denver, 2.64 mi. n. w. of, 25 ft. n. of cen. of +ing, in base of teleg. pole; ry. spike marked "987.0"	986.98
Summithill, 0.81 mi. e. of, at s. side of track, on w. end of stone culv. under public rd.; chiseled sq. marked "1059.0"	1058.96
Summithill, at s. w. cor. of sta. platform; copper B. M. nail painted "1085.2"	1085.10
Summithill, 0.76 mi. s. w. of, on n. side of track, 30 ft. n. w. of cen. of ry. +ing, in base of teleg. pole 8 ft. n. of track; ry. spike marked "1070.3"	1070.21
Harris Station, 700 ft. e. of sta., 60 ft. s. of ry. +ing on w. side of public rd., in root of 2-ft. white oak tree, copper B. M. nail marked "1010.5"	1010.43
Harris Station, 700 ft. e. of sta., at ry. +ing, in s. e. cor. of public rd., 1 ft. s. of ry. property line; **iron post** stamped "1008"	**1008.174**
Harris Station, 0.9 mi. w. of sta., on n. side of track, at pt. where track makes sharp curve to s., in base of teleg. pole; rail spike marked "926.9"	926.78
Spargursville, 700 ft. n. of sta., on s. e. abut. of iron brg. over Sulphur Lick Creek; chiseled square marked "708.9"	708.77

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	Feet
Spargursville, 700 ft. n. of sta., on s. e. abut. of iron brg. over Sulphur Lick Creek, 1 ft. w. of the preceding T. B. M.; **aluminum tablet** stamped "709"	**708.726**
Storms station, 225 ft. n. of, at n. e. cor. of +rds., in root on w. side of 4-ft. willow tree; copper B. M. nail marked "689.7"	689.61
Storms station, 1.52 mi. n. w. of, ry.+ing; top of n. rail painted "710.4"	710.2
Storms station, 1.72 mi. n. w. of, on n. side of rd. and ry. +ing, 15 ft. n. of cen. of +ing, in base on n. side of telephone pole; ry. spike marked "711.5"	711.40
Bainbridge, 2.5 mi. n. e. of, on e. end of cov. brg. over Paint Creek, on stone; chiseled square marked "714.6"	714.53
Near Summithill n. to Bibbee and McNulta line	
Summithill, 1.3 mi. n. e. of, on w. side of rd. at T rd. e., on w. end of stone culv. under road; chiseled square marked "1079.4"	1079.35
Waverly w. along highway to pt. 1.5 mi. n. w. of Morgantown	
Waverly, 1.14 mi. w. of, at T rd. n. 40 ft. e. of rd. forks, on s. side of road inside of fence, in root on n. side of 24-in. oak tree; **copper** B.M. **nail** mkd. "758.8"	**758.832**
Waverly, 1.87 mi. w. of, at T rd. n., on s. side of rd., 40 ft. s. w. of cen. of rds., in root on e. side of 2.5-in oak tree; copper B. M. nail marked "768.1"	768.06
Waverly, 2.83 mi. w. of, at T rd. n. w., in n. e. cor. of rd. forks, on top of n. end of e. stone abut. of brg. over Wintergreen Run; chiseled sq. mkd. "581.4"	581.41
Daleyville, 1.5 mi. e. of, at private rd. s., at s. w. cor. of rd. forks, in root on e. side of 7-in walnut tree (two forked); copper B. M. tack marked "569.7"	569.71
Daleyville, 0.53 mi. e. of, at T rd. n., 50 ft. e. of rd. forks, on e. and w. rd., in s. w. cor. of plank brg. over drain from n. in top of 2-in. plank; copper B. M. nail marked "611.7"	611.68
Daleyville, at rd. forks, at brg. over Peepee Cr., on e. side of rd. at forks, 30 ft. n. of Deisbaugh's store, at fence line; **iron post** stamped "599 Ohio"	**599.274**
Daleyville, 1.17 mi. n. of, at T rd. w., at Peepee M. E. Church, on e. edge of n. and s. rd., in line with cen. of rd., on flat rock; chiseled sq. marked "626.7"	626.64
Daleyville, 1.85 mi. n. of, at T rd. n. e., 180 ft. n. w. of rd. forks, in top of w. end of wing wall of n. stone abut. of highway brg. over Long Branch; chiseled square marked "642.4"	642.35
Daleyville, 2.57 mi. n. w. of, 0.35 mi. s. e. of T road s. w., at drain under rd. on top of s. end of w. stone abutment; chiseled square marked "657.4"	657.31
Daleyville, 2.92 mi. n. w. of, 150 ft. n. w. of T road s. w., at brg. over branch from s. w. at top of e. stone wing wall of n. abut.; chiseled sq. marked "675.5"	675.46
Buchanan, 1.88 mi. s. e. of, at rd. forks, on top of e. wing wall of n. stone abut. of steel highway brg. over Wolf Run; chiseled square marked "685.2"	685.15
Buchanan, 0.7 mi. e. of, 120 ft. w. of farmh. standing on n. side of rd. owned by Mr. Mary, 10 ft. w. of 4-in. hickory tree, in line with e. end of stable standing 100 ft. n. of rd., on n. side of ditch, on n. side of rd., 6 ft. n. e. of teleph. pole, on top of sandstone outcrop; chiseled sq. marked "871.7"	871.64
Buchanan, at s. e. cor. of +rds.; **iron post** stpd. "Prim. Trav. Sta. No. 77—1909—Ohio—910"	**909.801**
Buchanan, 1.25 mi. s. w. of, at T rd. e., in cen. of rd. forks, in root on n. side of 30-in. oak tree; copper B. M. tack marked "1017.1"	1017.01
Buchanan, 1.8 mi. s. w. of, at T rd. n., on s. side of e. and w. rd. at forks, at ft. of cor. fence post, on top of rock; chiseled square marked "998.0"	997.89
Buchanan, 1.9 mi. s. w. of, 300 ft. w. of res. of H. DeWitt on n. side of rd., at top of hill on n. side of rd. at fence line, in root on e. side of 8-in. hickory tree; **copper** B. M. **nail** marked "1003.6"	**1003.436**

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	Feet
Morgantown, 2.72 mi. e. of, opposite T rd. s., in root of 24-in. black oak on n. fence line; copper B. M. nail, "1077" painted on telephone pole opposite.	1076.95
Morgantown, 2 mi. e. of, on top of hill opposite T rd. s., 90 ft. n. e. of Mount Holy Ch., on n. fence line; **iron post** stamped "1082 Ohio," painted on tel. pole	**1081.930**
Morgantown, 0.95 mi. s. e. of, at forks of rd., on e. abut. n. side of brg. over Morgans Fork of Sunfish Cr.; chiseled sq. "612-01" painted on brg. girder	612.20
Morgantown, in the s. e. part of town, about 300 ft. s. e. of P. O., on n. abut. e. side of brg.; chiseled sq. "629-21" painted on brg.	628.53
Morgantown, 0.86 mi. w. of, 20 ft. s. of s. fence line of public rd., in root of 36-in. leaning oak; copper B. M. nail, "652" painted on gatepost opposite	652.20

Piketon west along highway

Piketon, U. B. Church, n. w. cor. of found.; **aluminum tablet** stamped "578 Ohio"	**578.257**
Piketon, 0.84 mi. w. of, on Piketon-Jasper rd., at the s. w. cor. of Joseph Beacham's yard, on n. fence line of rd., in root of 28-in. maple tree; copper B. M. nail, "559" painted on tree 2 ft. e.	558.94
Piketon, 1.95 mi. w. of, n. w. cor. of brg. over Scioto River, most eastern rivet head on inside of fish plate; highest point, "563-31" painted on brg. girder	562.80
Scioto River, surface of water under above bridge 9:00 a. m. June 12, 1915.	531.
Jasper, 2.65 mi. s. w. of Piketon, 100 ft. s. of brg. over canal at T rd. n., 10 ft. e. of corner fence post, 1 ft. s. of fence line; **iron post** stamped "556 Ohio," "556" painted on post opposite	**555.871**
Jasper, 1.17 mi. n. w. of, on w. side of rd., 2 ft. s. of entrance to M. E. Blazer's blacksmith shop, on sandstone rock; chiseled sq., "570" painted on shop.	570.00
Jasper, 2.01 mi. n. w. of, at Charley Petry's res., at e. end of n. parapet to small concrete culv., at n. e. cor. of T rd. n.; chiseled sq., "601" painted on parapet	601.38
Jasper, 2.93 mi.n. w. of, T rd. s., 10 ft. n. of n. w. cor. of Sioux P. O. (abandoned) on large sandstone rock; chiseled sq., "624" painted on old P. O. bldg.	624.01
Jasper, 3.72 mi. n. w. of, on s. side of rd., at forks, 150 ft. w. of Stoney Ridge schoolh., in root of beech tree; copper B. M. nail, "613" painted on tree.	612.50
Jasper, 4.66 mi. w. of, 0.38 mi. e. of Tennyson M. E. Church, on s. side of rd., in cen. of rock on s. end of culv.; chiseled sq., "589" painted on fence near	589.28
Tennyson, 5.22 mi. w. of Jasper, about 700 ft. w. of M. E. Church, 100 ft. w. of iron brdg. over Sunfish Creek, at s. e. cor. of T rd. e.; **iron post** stamped "572 Ohio," "572" painted on fence post opposite	**571.728**
Elmgrove, 1 mi. e. of, 6.29 mi. w. of Jasper, 0.4 mi. n. of brdg. over Chenoweths Fork of Sunfish Creek, at forks of rd., on e. abut. s. side of wooden brdg.; chiseled sq., "585-82" painted on bridge	584.56
Chenoweths Fork of Sunfish Cr.; water surface under above brg., June15, 1915	582.
Elmgrove, 300 ft. w. of postoffice, directly in front of C. of C. Church, on e. abut. n. side of small wooden brdg.; chiseled sq., "614" painted on bridge.	613.96
Elmgrove, 1.2 mi. w. of, on Chenoweths Cr., 800 ft. w. of E. William's res., e. abut. s. side of brdg., 450 ft. e. of T rd. n.; chiseled sq., "635" painted on brg	635.32
Elmgrove, 1.6 mi. w. of, in forks of rd., at junc. of Chenoweths Fork of Sunfish Cr. and Georges Run; **iron post** stpd. "629 Ohio", painted on tel. pole 2 ft. n.	**628.810**
Elmgrove, 2.45 mi. w. of, on Chenoweths Cr., 100 ft. w. of T. Smith's res., on large stone at s. w. cor. of wooden brg.; chiseled sq., "665-58" painted on brg.	664.58
Arkoe, 1,100 ft. e. of, on n. fence line of rd. at s. w. cor. of cemetery, in root of 30-in. white oak tree; copper B. M. nail "704" painted on tree	703.51
Arkoe, 0.75 mi. w. of, 20 ft. s. of fence line, on rd. along Chenoweths Fork, 1,200 ft. w. of Newton Gregg's res., in root of 12-in. walnut tree, on n. side; copper B. M. nail, "724" painted on telephone pole opposite	724.01

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Near Bainbridge e. along highways to near Waller

Bainbridge, 3.5 mi. n. e. of, at cen. of rd. +ing; top of n. rail	712.5
Bainbridge, 3.5 mi. n. e. of, 15 ft. n. of ry. +ing, in base of teleg. pole directly n. of ry. +ing; nail spike painted "711.5"	711.31
Newingburg (old postoffice), 2.04 mi. s. e. of, on top of hill, 100 ft. s. of John Knoch's res., on e. side of rd., 4 ft. e. of e. wheel track; highest point on limestone rock, "1088" marked on rock	1088.25
Summithill, 2.4 mi. n. e. of, at s. w. cor. of +rds., in root of 18-in. white oak tree; **copper** B. M. **nail** painted on tree	**1024.814**
Yankeetown, 10.5 mi. s. w. of Chillicothe, about 200 ft. e. of Huntington town hall, in n. cor. of rd. fork; **iron post** stamped "888"	**886.732**
Waller, 1.15 mi. s. by 2.87 mi. w. of, on top of hill at s. e. cor. of +rds., top of oak stump 5 ft. s. of wheel track; copper B. M. nail, "993" painted on tree	993 73
Waller, 1.15 mi. s. by 1.92 mi. w. of, at s. w. cor. of lane s., opposite T rd. n., in cor. fence post; sixty-penny spike 2 in. above ground, "829" mkd. on post	829.94

Pioneer Quadrangle

Point 5 mi. n. w. of Bryan n. and e. along highways to Montpelier

Bryan, 5 mi. n. w. of, n. w. cor. of +rds.; spike in base of fence post	882.60
Bryan, 6 mi. w. by 2 mi. n. of, at rd. fork; **iron post** stamped "849 Ohio"	**849.179**
Bryan, 6 mi. w. by 2.4 mi. n. of, at +rds., s. w. end of sidewalk from Mount Olive Church, on concrete corner stone; chiseled square	871.24
Montpelier, 4 mi. s. by 3 mi. w. of, at s. e. corner of T rd. e.; spike in base of fence post, painted "854.3"	854.56
Montpelier, 3 mi. s. by 3 mi. w. of, at e. side of T rd. s., on top of concrete culv.; chiseled sq. painted "849.3"	849.57
Montpelier, 3 mi. s. by 3.5 mi. w. of, at s. w. cor. of +rds.; spike in fence post, painted "853.2"	853.39
Montpelier, 3.5 mi. w. by 2.3 mi. s. of, at ry. +ing; top of s. rail of Wabash R. R. track, painted "856.2"	856.42
Montpelier, 3.5 mi. w. by 2.3 mi. s. of, at ry. crossing, 80 ft. n. of track; **iron post** stamped "856 Ohio"	**855.839**
Montpelier, 2 mi. s. by 3.5 mi. n. of, at s. w. cor. of crossrds.; spike in fence post, painted "863.3"	863.57
Montpelier, 3.5 mi. w. by 1 mi. s. of, at s. e. cor. of T rd. s.; spike in teleph. pole, painted "871.9"	872.17
Montpelier, 3 mi. w. by 1 mi. s. of, at T rd. n.; spike in tel. pole, painted "861.1"	861.31
Montpelier, 3 mi. w. of, at n. e. cor. of +rds.; **iron post** stamped "880 Ohio"	**880.447**
Montpelier, 2 mi. w. of, at s. w. cor. of T rd. s., spike in fence post painted "873.8"	874.02
Montpelier, 1 mi. w. of, at +rds., 40 ft. e. of cen. of cross on s. side of road; spike in teleph. pole, painted "871.2"	871.36
Montpelier, at n. e. cor. of city hall bldg.; **iron post** stamped "861 Ohio"	**880.839**

Point 1.5 mi. e. of Montpelier to point 5 mi. e. of Montpelier

Montpelier, 2 mi. e. of, at s. w. cor. of +rds.; **iron post** stamped "894 Ohio"	**894.071**
Montpelier, 3 mi. e. of, 1 mi. n. of Jefferson, at s. e. cor. of crossrds.; spike in telephone pole, painted "909.8"	909.95
Montpelier, 4 mi. e. of, at s. w. cor. of +rds.; spike in teleph. pole, painted "858.2"	858.28

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Point 2.5 mi. n. w. of Bryan n. along highways to Montpelier, thence n., e. and s. along highways to point 5 mi. e. of Montpelier

Bryan, 2 mi. w. by 1.5 mi. n. of, at s. w. cor. of +rds.; spike in teleph. pole, painted "T. B. M. 831.0" (on Bryan quad.)	831.25
Bryan, 2 mi. w. by 2.5 mi. n. of, at n. w. cor. of crossroads, 220 ft. w. of Lick Creek Church; **iron post** stamped "827 Ohio"	**826.906**
Bryan, 2 mi. w. by 3.5 mi. n. of, at n. w. cor. of +rds., in brg. planking; copper B. M. nail painted "835.9"	836.09
Montpelier, 2.8 mi. s. by 0.5 mi. e. of, 250 ft. e. of West Bethesda Church, at s. w. cor. of +rds., in small box culv.; copper B. M. nail painted "T. B. M. 866.0" and marked with circle	866.25
Montpelier, 1.8 mi. s. by 0.5 mi. e. of, s. e. cor. of +rds.; **iron post** stpd., "900 Ohio"	**900.619**
Montpelier, 0.8 mi. s. by 0.5 mi. e. of, at s. w. cor. of T rd. s.; spike in fence post, painted "T. B. M. 875.5"	876.74
Montpelier, n. e. cor. of city hall public sq.; **iron post** stamped "861 Ohio"	**860.839**
Montpelier, at e. end of Main St., n. side of st.; on top of concrete curb; chiseled square painted "860.2"	860.41
Montpelier, 1.5 mi. e. of, head of T rd. n.; spike in fencepost, painted "875.958"	876.14
Montpelier, 1.5 mi. n. by 1.5 mi. e. of, at s. e. cor. of T rd. e.; spike in teleph. pole, painted "T. B. M. 866.8"	867.00
Montpelier, 2.5 mi. n. by 1 mi. e. of, 50 ft. n. of T rd. w.; spike in teleph. pole, painted "856.875"	857.04
Montpelier, 2.5 mi. n. by 1 mi. e. of, head of T rd. w.; **iron post** stpd. "856 Ohio"	**856.543**
Pioneer, 2.5 mi. s. by 2 mi. w. of, at n. e. cor. of +rds.; piece of wrought iron driven in fence post, painted "872.4"	872.58
Pioneer, 1 mi. s. by 2 mi. w. of, at n. w. cor. of +roads; copper B. M. nail in root of oak tree, painted "890.268"	890.43
Pioneer, 1 mi. s. by 2 mi. w. of, at s. w. cor. of +rds.; **iron post** stpd. "890 Ohio"	**890.529**
Pioneer, 1 mi. w. of, at cen. of +rds.; top of sec. cor. stone, painted "886.2"	886.31
Pioneer, in front of A. H. Shaffer's lunch rooms, on Main St.; chiseled sq. on crossing stone, painted "879.3"	879.45
Pioneer, 0.9 mi. e. of, at n. w. cor. of T rd.; top of boulder, painted "873.228"	873.37
Pioneer, 0.9 mi. e. of, at n. w. cor. of T intersec.; **iron post** stamped "873 Ohio"	**872.660**
Pioneer, 2.2 mi. e. of, at n. e. cor. of T road; spike in base of post, marked "T. B. M. 889.9"	889.99
Pioneer, 2 mi. e. of, s. w. cor. of T rd. s.; spike in fence post, painted "877.873"	878.01
Pioneer, 2 mi. e. by 1 mi. s. of, at n. e. cor. of +roads; spike in fence post, painted "888.479"	888.61
Pioneer, 2 mi. e. by 2 mi. s. of, at n. w. cor. of +roads; spike in telephone pole, painted "884.5"	884.64
Pioneer, 2 mi. e. by 3 mi. s. of, at s. w. cor. of +roads; spike in fence post, painted "878.836"	878.96
Pioneer, 2 mi. e. by 3 mi. s. of, at s. w. cor. +rds.; **iron post** stpd. "879 Ohio"	**879.227**
Pioneer, 2 mi. e. by 4 mi. s. of, at head of T intersection; spike in teleph. pole, painted "883.6"	883.75
Pioneer, 2 mi. e. by 5.5 mi. s. of, at n. w. cor. of +roads; spike in fence post, painted "T. B. M. 862"	862.14
Montpelier, 5 mi. e. of, +rds., s. w. cor. of schoolh. lot; **iron post** stpd. "859 Ohio"	**859.394**

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Pioneer n. and w. along rd. 6 mi., thence s. to 3 mi. w. of Montpelier

Pioneer, 1 mi. w. by 1 mi. n. of, s. w. cor. of T rd. w.; **iron post** stamped "906 Ohio"	**906.276**
Pioneer, 1 mi. n. by 2 mi. w. of, at crossroads, on n. e. cor. of wall of concrete bridge; chiseled square painted "T. B. M. 898.3"	898.50
Pioneer, 1 mi. n. by 3 mi. w. of, at s. w. corner of +roads; spike in base of telephone pole, painted "T. B. M. 927.0"	927.13
Pioneer, 1 mi. n. by 4 mi. w. of, at n. w. cor. of +roads; **iron post** stamped "Prim. Trav. Sta. No. 18—939"	**939.353**
Pioneer, 1 mi. n. by 5 mi. w. of, at n. e. cor. of T rd. n.; spike in cor. fence post, painted "T. B. M. 949.0"	949.13
Pioneer, 1 mi. n. by 6 mi. w. of, at s. w. corner of +roads; spike in base of telegraph pole, painted "B. M. 961.690"	961.77
Pioneer, 1 mi. n. by 7 mi. w. of, T rd. s., n. side of rd.; **iron post** stpd. "953 Ohio".	**954.254**
Pioneer, 6 mi. w. by 0.25 mi. n. of, at brg. over w. branch of St. Joseph River, in n. w. cor. of brg.; copper B. M. nail painted "T. B. M. 911.013"	911.10
Bridgewater Center, 2 mi. w. by 1.5 mi. n. of, at s. e. cor. of crossroads; spike in fence post, painted "T. B. M. 931.8"	931.96
Bridgewater Center, 2 mi. w. of, at crossroads, 10 ft. w. of n. w. corner of church; **iron post** stamped "935 Ohio"	**934.906**
Bridgewater Center, 2 mi. w. by 1.25 mi. s. of, at n. w. cor. of +roads; spike in base of fence post, painted "T. B. M. 913.9"	914.00
Montpelier, 3 mi. w. by 2.25 mi. n. of, at cor. of T rd. n., at n. w. cor. of school lot; **iron post** stamped "905 Ohio"	**905.318**
Montpelier, 3 mi. w. by 1.5 mi. n. of, at s. e. cor. of T rd.; spike in base of post, marked "T. B. M. 886.2"	886.32

Pulaski n. along highways to point 5 mi. e. of Montpelier

Pulaski, at s. w. cor. of German Reformed Church; **iron post** stamped "762 Ohio"	**761.563**
Pulaski, 0.3 mi. w. of, in corner, on n. side of bridge over Beaver Creek; copper B. M. nail painted "T. B. M. 744.3"	744.40
Pulaski, 1 mi. w. of, at n. w. corner of T road n.; chiseled square on granite boulder, painted "T. B. M. 773.7"	773.74
Pulaski, 1 mi. w. by 1 mi. n. of, at n. e. cor. of crossroads; spike in base of telephone pole, painted "T. B. M. 800.3"	800.36
Pulaski, 1 mi. w. by 2.1 mi. n. of, at T road e., at s. e. cor. of bridge over Beaver Creek; copper B. M. nail in plank, painted "T. B. M. 778.1"	778.20
Pulaski, 0.5 mi. w. by 2 mi. n. of, 70 ft. w. of s. w. cor. of T rd.; copper B. M. nail in top of stump, painted "T. B. M. 801.483"	801.54
Pulaski, 0.5 mi. w. by 2 mi. n. of, at T rd. n.; **iron post** stamped "801 Ohio"	**800.893**
Montpelier, 5 mi. e. by 1 mi. s. of, s. e. corner of crossroads; spike in base of telephone pole, painted "T. B. M. 822.1"	822.23
Montpelier, 5 mi. e. of, at s. e. cor. of +roads, on cor. of concrete around post; chiseled circle and cross painted "T. B. M. 856.635"	856.74

1.25 miles s. of Blakeslee n. along highways via Cooney and Nettle Lake to 3 mi. n. e. of Cooney

Blakeslee, 1.25 mi. s. by 0.5 mi. w. of, at s. w. cor. of T road s.; spike in base of 2-foot fence post, marked "858.9"	858.99
Blakeslee, s. edge of town, n. e. corner of T road e.; chiseled square on cement walk, marked "860.5"	860.56

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	Feet
Blakeslee, Wabash R. R. crossing, w. side of highway, n. side of railroad; nail in tie supporting signal block, marked "869.243"	869.32
Blakeslee, on Wabash R. R. right-of-way, 60 ft. from railroad crossing, s. side of track; **iron post** stamped "868 Ohio"	**868.505**
Blakeslee, n. edge of town, s. e. corner of crossroads; chiseled square on cement walk, marked "873.9"	873.98
Blakeslee, 1.3 mi. n. of, at n. w. cor. of +roads; spike in base of fence post, marked "876.6"	876.68
Edon, 2 mi. e. of, s. e. corner of sec. 15, n. w. cor. of crossroads; spike in base of telephone pole, marked "881.050"	881.11
Edon, 2 mi. e. of, n. e. corner of crossroads, s. w. corner of sec. 15; **iron post** stamped "881 Ohio"	**881.048**
Edon, 2 mi. e. by 1 mi. n. of, n. w. corner of sec. 14, at crossroads; spike in base of 18-inch fence post, marked "901.7"	901.73
Edon, 2 mi. e. by 2 mi. n. of, at s. e. corner of T rd. s.; painted square on top of 2-foot rock, marked "905.015"	905.08
Edon, 3 mi. e. by 2 mi. n. of, s. e. cor. of crossroads; chiseled sq. in floor of cement block culvert, marked "891.2"	891.30
Montpelier, 4.2 mi. w. of, s. e. cor. of +rds.; spike in base of corner fence post, marked "884.9"	885.01
Edon, 2 mi. n. by 1.7 mi. e. of, at n. e. corner of T rd. n.; **painted square** on top of rock, marked "910.1"	910.13
Edon, 2 mi. n. by 1 mi. e. of, at n. e. cor. of +rds., inside garden fence; **iron post** stamped "Prim. Trav. Sta. No. 20—1905—900"	**899.930**
Berlin, 0.5 mi. s. by 0.8 mi. e. of, at s. w. corner of crossroads; spike in base of telephone pole, marked "918.2"	918.24
Berlin, 0.8 mi. e. of, at s. e. cor. of +rds.; spike in base of teleph. pole, marked "931.9"	931.89
Berlin, 0.5 mi. e. by 0.8 mi. n. of, s. e. cor. of T rd. s. e.; spike in base of fence post, marked "948.284"	949.31
Cooney, 2.5 mi. s. of, 40 ft. e. of n. e. cor. of T rd. n., 15 ft. w. by 2 ft. s. of maple tree, 15 ft. e. by 2 ft. s. of another maple tree; **iron post** stamped "939 Ohio"	**940.410**
Cooney, 1.6 mi. s. of, at s. e. cor. of +rds., 130 ft. n. w. to schoolh. (district No. 4); spike in base of fence post, marked "951.9"	952.93
Cooney, 1 mi. s. of, at n. w. cor. of T rd. w.; spike in base of fence post, mkd. "961.8"	962.82
Cooney, 0.5 mi. s. of, at s. w. cor. of T rd. w.; painted sq. on top of stone in rd., marked "982.9"	983.92
Cooney, at s. w. corner of crossroads; **iron post** stamped "978 Ohio"	**979.250**
Cooney, 1 mi. n. of, at s. e. cor. of T rd. e., at side of rd.; painted sq. on top of stone, marked "986.0"	987.06
Cooney, 2.5 mi. n. of, at n. w. cor. of +rds., in fence cor.; **iron post** stamped "Prim. Trav. Sta. No. 19—1905—980"	**981.440**
Cooney, 2.5 mi. n. by 0.8 mi. e. of, at T rd. s., n. side of e.-w. rd. oppos. T rd.; spike in base of fence post, marked "956.9"	957.87
Nettle Lake, surface of water, August 3, 1911	944.
Cooney, 2.5 mi. n. by 1.5 mi. e. of, at n. w. cor. of T rd. n., 100 ft. n. w. of Nettle Lake Church; spike in base of butternut tree, marked "978.9"	979.90
Nettle Lake Church, 0.5 mi. e. of, at n. e. cor. of T rd. n.; spike in base of cor. fence post, marked "950.8"	951.84

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Point Pleasant Quadrangle

Gallipolis n. to State Epileptic Hospital

	Feet
Gallipolis, Gallia county jail, n. w. cor. w. face; **aluminum tablet** stamped "578 ADJ 1903"	577.862
Gallipolis, 1.5 mi. n. of courth., State Epileptic Hospital grounds, at s. w. cor. of women's dining room and chapel bldg., in found'n, third course of stone from pavement; **bronze tablet** stamped "606-A"	604.775

At Middleport

Middleport, 3-story brick schoolh., cor. 4th and Mill Sts.; **aluminum tablet** stamped "580 ADJ 1903"	578.130

Gallipolis along highway southwesterly to Thivener

Gallipolis, 2.3 mi. s. w. of, on Mercerville pike, n. w. wing wall of county bridge; **bronze tablet** stamped "562 ADJ 1903"	561.969

Spilman, W. Va., w. in Ohio along rd. via Kyger to 4 mi. w. of same

Cheshire Academy, n. w. cor., n. face of stone foundn.; **aluminum tablet** stamped "573 ADJ 1903"	573.036
Cheshire, 2.5 mi. n. w. of, w. of rd., w. face of rock; **aluminum tablet** "573 ADJ 1903"	573.000
Kyger, 0.86 mi. w. of, iron bridge over Kyger Creek, top of e. abutment, s. end; **aluminum tablet** stamped "597 ADJ 1903"	596.891
Kyger, 4 mi. w. of, bridge over small stream, w. abutment, n. end; **aluminum tablet** stamped "707 ADJ 1903"	707.335

Kerr southeast along highway to Gallipolis

Mills station, railroad crossing; top of rail	569.9
Mills sta., 0.4 mi. s. of, 4 miles s. of Evergreen, Little Chickamauga Creek, iron brg. over, n. abut., e. end; **aluminum tablet** stamped "567 ADJ 1903"	566.960

On Ohio River shore (Army Engineers' precise line)

Point Pleasant, W. Va., n. w. cor. of Mason Co. courthouse, Army Engineers' U. S. B. M. 264-A; **cut** on top of stone foundation, Elev. 569.402	568.913
Point Pleasant, W. Va., in Mason Co. courthouse yard, Army Engineers' U. S. B. M. 264-B, on monument erected to Indian Chief "Cornstalk;" **metal plate** set in w. face of, (this mark was established by U. S. G. S.) Elev. 569.784	569.294
Gallipolis, on Gallia county jail, Army Engineers' U. S. B. M. 269-A, 0.75 ft. s. e. of n. w. corner; **cut**, Elev. 578.819	578.329

Pomeroy Quadrangle

Hebbardsville along K. & M. Ry. s. to Langsville, thence e. to Pomeroy and n. along rds. to Judson

Albany, J. H. Cline's drug store, in e. wall of found'n near s. end; **aluminum tablet** stamped "773 ADJ 1903"	773.628
Albany, 0.5 mi. e. of, at depot of K. & M. Ry., in stone w. of wagon brg. over tracks; chiseled square	757.92
Carpenter, 1.5 mi. n. of, 250 ft. w. of ry., white frame schoolh., in n. e. cor. of found'n; **bronze tablet** stamped "656 ADJ 1903"	655.938

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	Feet
Carpenter, s. end of s. w. cor. of depot of K. & M. Ry., in curb of brick sidewalk, in front of depot; chiseled square	627.25
Carpenter, wagon brg., s. end of town, 200 ft. e. of ry. track, in top stone of n. abut., w. end; **bronze tablet** stamped "628 ADJ 1903"	**627.985**
Dyesville, wagon brg. over Leading Creek, n. w. of sta., in e. abut. n. end; **aluminum tablet** stamped "607 ADJ 1903"	**607.082**
Dexter, ⅛ mi. n. of, in top stone, w. end of culv. n. side of K. & M. Ry.; chiseled square	596.27
Dexter, 400 ft. w. of K. & M. track, in e. wall near n. end of schoolh.; **aluminum tablet** stamped "604 ADJ 1903"	**604.142**
Dexter, in sidewalk in front of K. & M. depot, at n. w. end; chiseled sq.	606.17
Langsville, 0.75 mi. n. of, in back wall n. abut. e. end; **aluminum tablet** st'pd. "587 ADJ 1903"	**587.103**
Langsville, in n. end of stone curb, at depot; chiseled sq.	578.55
Rutland, 150 ft. from K. & M. sta.; in n. w. cor. of brick outhouse; **bronze tablet** stamped "575 ADJ 1903"	**573.575**
Rutland, in front of sta.; top of rail	574.6
Middleport, 2.5 mi. n. e. of, in s. abut. in railroad overhead +ing to public rd.; **aluminum tablet** stamped "571 ADJ 1903"	**569.173**
Bradbury, in stone sidewalk off store, n. end of town; chiseled circle	572.39
Bradbury, on stone culv. at rd. intersec. near Christian Church; chiseled sq.	574.24
Pomeroy, in n. w. cor. of jail, in found'n stone, 1.72 ft. below Army Engineers' bench mark No. 249-A; **aluminum tablet** stamped "581 ADJ 1903"	**579.403**
Pomeroy, 1 mi. n. e. of, at H. V. depot, near car line and Frohers Carriage Manufactory; chiseled sq. painted on curbing	566.14
Karrs Run, in stone curb, on cor. of Athens rd. n.; chiseled sq. on stone	579.82
Rock Springs, 300 ft. n. of store, in outcropping rock; **chiseled square**	**657.711**
Rock Springs, opposite store bldg., 50 ft. s. of rd +ing, in outcropping ledge of rock; **aluminum tablet** stamped "652 ADJ 1903"	**650.173**
Midway (Kingsbury P. O.), 400 ft. n. of store, on hillside in natural ledge of rock; **aluminum tablet** stamped "754 ADJ 1903"	**752.275**
Millersburg (Darwin P. O.), schoolhouse, in s. e. corner of foundation; **aluminum tablet** stamped "760 ADJ 1903"	**758.184**
Millersburg (Darwin P. O), 1 mile n. of, in w. end of n. abutment of county brg; chiseled square	661.88
Bungtown (Burlingham P. O.), n. abut., county brg.; **square cut** in parapet	**663.071**
Mooretown (Pratts Fork P. O.), 1 mi. s. of, in boulder at T rd.; chiseled circle	687.57
Pratts Fork, 0.6 mi. n. of, on Caseyville or Judson rd.; in front of house, in outcropping ledge; **aluminum tablet** stamped "729 ADJ 1903"	**727.258**
At Pleasanton (by Athens levels)	
Pleasanton, in n. e. cor. of sandstone foundation of Methodist Church; **bronze tablet** stamped "955 Columbus"	**954.873**
Bungtown (Burlingham P. O.) westerly along highway to Albany	
Bungtown (Burlingham P. O.), 1.7 mi. w. of, at +rds., on natural ledge of rock; **aluminum tablet** stamped "691 ADJ 1903"	**689.316**
ndyards, 4 mi s. e. of Albany, at T rd. on Pagetown rd., 300 ft. e. of white use on parapet stone of bridge; **aluminum tablet** stamped "766 ADJ 1903"	**764.443**

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At Pomeroy (Army Engineers' precise line)

	Feet
Pomeroy, on Meigs county jail, Army Engineers' U. S. B. M. 249-A; 4.7 ft. **below** top of stone found. at n. w. cor., Elev. 581.611	**581.123**

Put-in-Bay Quadrangle

Elevation on Islands in Put-In-Bay Twp.[1]

Put-in-Bay, South Bass Island, at n. cor. of Hotel Victory, in found. 1.6 feet **above** ground; **aluminum tablet** stamped "643"	**642.000**
Middle Bass Island, in center of found. on club grounds, w. of pavilion; n. e. **corner** of square stone	589.29
North Bass Island, w. of P. O., church, n. e. cor. of T rd.; highest pt. of boulder	595.06
Sugar Island, on bottom of capstan near s. dock; cross	576.27
Rattlesnake Island, 3 ft. from n. w. cor. of stone addition to solitary frame **house**; cross 2.6 ft. above ground	587.26

[1]These elevations are based on the assumption that the elevation of Lake Erie at Put-in-Bay, August 29, 1901, was 571.7 feet above mean sea level, in accord with elevation at Cleveland by the 1907 adjustment.

Ravenna Quadrangle

Wayland n. along highway to Windham, thence w. to Shalersville

Wayland, in e. face of n. e. cor. of Bethany Church; **aluminum tablet** stamped "964 ADJ 1903"	**964.430**
Wayland, 1.5 mi. n. e. of, at n. e. cor. of brg. at undergrade +ing, on top coping stone; chiseled square	989.38
Windham, 2.5 mi. s. of, on stone at n. w. cor. of small iron brg. at T rd. e.; chiseled square	960.43
Windham, 1 mi. s. of, on culv. stone at n. e. cor. of +rds.; chiseled square	963.05
Windham, about 60 ft. n. of Erie depot, on stone platform at s. w. cor. of general store; chiseled square	967.15
Windham, on well stone at n. e. cor. of main +rds.; chiseled square	973.80
Windham, 700 ft. n. of crossroads, in s. e. corner of foundation of town hall; **aluminum tablet** stamped "977 ADJ 1903"	**976.560**
Freedom n. e. cor. of church, in found.; **aluminum tablet** stpd. "1175 ADJ 1903"	**1175.341**
Shalersville, in n. w. cor. of found'n of town hall; **aluminum tablet** stamped "1245 ADJ 1903"	**1245.359**

B. & O. bench mark 415 n. to Charlestown and return

Charlestown station, 300 ft. n. of overhead brg., in brg. seat at n. w. cor. of small iron brg. over creek; **aluminum tablet** stamped "1041 ADJ 1903"	**1041.100**

B. & O. bench mark 415 along highway s. to Atwater Center, thence e. to Deerfield, thence n. to Wayland

Wayland, 4 mi. w. of, at milepost A-110, s. of tracks; **rail**, Ry. B. M. 415	**968.787**
Charlestown, 2.5 mi. s. of, 2.5 mi. n. of Edinburg, on large stone at s. e. cor. of +rds., schoolh. on n. e. cor.; chiseled square	1051.36
Edinburg, 1.3 mi. n. of, on stone at s. w. cor. of T rd. w., about 500 ft. n. of T rd. e.; chiseled square	1182.14

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	Feet
Edinburg, 300 ft. n. of main +rds., in e. face of n. e. cor. of Congregational Church; **aluminum tablet** stamped "1181 ADJ 1903"	**1180.957**
Edinburg, in concrete at flag pole base at s. w. cor. of main +rds.; chiseled sq.	1181.44
Edinburg, 1.25 mi. s. of, 3.75 mi. n. of Atwater, on w. end of stone culv. at +roads; chiseled mark	1161.26
Edinburg, 2.25 mi. s. of, 2.75 mi. n. of Atwater, on stone at base of fence post at end of T rd. e.; chiseled square	1151.04
Atwater Center, on stone at n. e. cor. of flag pole support; chiseled square	1155.60
Atwater Center, 300 ft. s. of +roads, in n. e. cor. of column support, Congregational Church; **aluminum tablet** stamped "1165 ADJ 1903"	**1164.736**
Atwater Center, 1.25 mi. e. of, 3.75 mi. w. of Deerfield Center, on stone at s. e. cor. of +roads; chisel mark	1146.93
Deerfield Center, 2.5 mi. w. of, 2.5 mi. e. of Atwater Center, on stone by fence at n. e. cor. of +roads; chisel square	1101.42
Deerfield, 1.5 mi. w. of, s. w. cor. of +rds., on end of 10-inch tile; chisel mark	1036.93
Deerfield Center, in n. face of n. e. cor. of M. E. Church; **aluminum tablet** stamped "1072 ADJ 1903"	**1072.477**
Deerfield, 1.5 mi. n. of, on rock by fence at end of T rd. to e.; chiseled mark	1046.55
Palmyra, 1.25 mi. s. of, on s. e. cor. of lower step to schoolh. No. 6, at end of T rd. e.; chiseled mark	1034.69
Palmyra, 1 mi. s. of, on n. e. cor. of culv. stone, at n. w. cor. of T rd. w.; chiseled mark	1031.62
Palmyra Center, in w. face of stone post, 41 ft. n. e. of center of crossroads; **aluminum tablet** stamped "1037 ADJ 1903"	**1037.526**
Palmyra, 1 mi. n. of, on stone at s. w. cor. of +roads; chiseled square	1065.85
Palmyra, 2.5 mi. n. of, on stone by sign post at s. e. cor. of +rd.; chisel mark	994.41
Palmyra, 4 mi. n. of, on n. e. cor. of culv. stone at e. side of rd. about 100 ft. s. of +roads; chiseled mark	951.96
Wayland sta., 0.75 mi. e. of, **C bolt** n. end of w. abut. of Bridge 46; B. M. No. 410.	**938.290**

Atwater along highway w. to Randolph and return

Randolph, at n. e. corner of square, at s. w. cor. of postoffice building, in s. face found.; **bronze tablet** stamped "1153 Cleveland 1903"	**1154.138**

Ravenna s. along highway to point 2 mi. s. of Randolph

Ravenna, at main entrance to courthouse, in stone floor at s. e. cor. of veranda; **bronze tablet** stamped "1140 Cleveland 1903"	**1140.164**
Rootstown, 0.5 mi. n. of, at +rds. 4 mi. s. of Ravenna, n. e. cor. of rds.; cross cut on culvert tile	1100.06
Rootstown, on w. side at s. w. cor. of P. O. bldg., in face of stone found'n wall; **bronze tablet** stamped "1126 Cleveland 1903" (this elev. possibly 1 ft. low)	**1126.109**
Rootstown, 0.75 mi. s. of, at T rd. w., on top of culv. stone on w. side of rd., 100 ft. s. of T rd.; chiseled cross	1093.49
Rootstown, 1.5 mi. s. of, finger board marked "Rootstown 1½, Canton 21 mi.", at s. w. cor. of rds., on large stone, at T rd. w.; cross cut	1121.32
Randolph, 2 mi. n. of, at T rd. e., Rootstown-Randolph Tp. line, top of large stone, n. e. cor. of rds.; chiseled cross	1118.06
Randolph Center, 0.5 mi. n. of, at T rd. w., on culv. stone on e. side of road, 750 ft. s. of T rd.; chiseled cross	1167.46
Randolph Center, 1 mi. s. of, at +rds., in stone at n. e. cor. of rds.; chiseled+	1153.52
Randolph Center, 2 mi. s. of, at +rds., culv. at n. e. corner of rds.; chiseled+	1193.03

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Ravenswood Quadrangle

Pomeroy along highway s. e. to Syracuse, thence e. to Spiller

Syracuse, public school, s. w. cor. of found.; **aluminum tablet** "580 ADJ 1903".	**580.079**
Crosses Mill, 1.3 mi. e. of, 600 ft. n. of +rds., 80 ft. w. of cen. of Racine and Boshon rd., at watering trough, 400 ft. s. of V. L. Morrison's house, and sawmill, in bluff 10 ft. n. of spring; **aluminum tablet** stamped "656 ADJ 1903"	**655.981**
Spiller P. O., 500 ft. w. of, on stepping stone of J. W. Bush's residence; **aluminum tablet** stamped "710 ADJ 1903"	**710.254**

On left shore of Ohio River (precise line of Army Engineers)

Sherman Sta., W. Va., opposite cen. of Buffington Island, Army Engineers' U. S. B. M. 216-A, on Ohio River R. R. bridge over Little Sandy Creek; on top of n. w. cor. of e. pier, Elev. 588.133	**587.653**
Ravenswood, W. Va., at lower end of town, Army Engineers' U. S. B. M. 219-A, on Ohio River R. R. **bridge** over Big Sandy Creek; top of n. w. cor. of n. pier, Elev. 585.930	**585.447**
Pleasant View, W. Va., 3000 ft. below Pleasant View, and 1½ mi. above Old Town Towhead, Army Engineers' U. S. B. M. 223-A, on Ohio River Ry.; **culvert** over small brook, at intersec. of two long ry. tangents, 1.7 ft. e. of w. end of culv., Elev. 584.840	**584.360**
Millwood, W. Va., at lower end of town, Army Engineers' U. S. B. M. 230-A, on Ohio River Ry. brg. over Little Mill Creek, on n. e. cor. of capstone of e. pier, 9.5 ft. w. of cen. of track, 1 ft. s. and 1 ft. e. of n. w. cor. of pier; **chiseled square**, Elev. 578.191	**577.709**

Richwood Quadrangle

Prospect w. and n. to Woodland, thence e. and s. to Prospect

Woodland, in stone entrance to schoolhouse; **bronze tablet** stamped "948 C".	**949.673**

2.3 mi. n. e. of West Mansfield s., e. and s. w. to Lunda

West Mansfield, 2.3 mi. n. e of, s. e. cor. of T rd. s., 100 ft. s. of res. of C. R. Ballinger, on e. end of steel tile under pike; highest point	1058.00
West Mansfield, 2.2 mi. s. e. of, s. e. cor. of +roads, 100 ft. n. w. of res. of D. H. Skidmore, in base of teleph. pole; spike (on East Liberty Quad.)	1085.41
West Mansfield, 3 mi. s. e. of, s. e. cor. of T rd. s., in top of 14-in. elm stump; copper B. M. nail	1068.05
York Center, 1.5 mi. s. by 1 mi. w. of, n. e. cor. of +rds., at Cahill schoolh.; n. end of iron drain pipe under pike	1060.21
Lunda, 2.5 mi. n. e. of, 200 ft. n. of T rd. w., 125 ft. s. of res. of J. W. Davis, in root of 3-ft. swamp oak tree; copper B. M. nail	1078.94
Lunda, 1.4 mi. n. e. of, n. w. cor. of T rd. w., 250 ft. n. of res. of C. W. Rea, in root of 2.5-ft. hickory tree; copper B. M. nail	1082.54

Bench mark 1.5 mi. s. e. of Magnetic Springs, w. to Magnetic Springs, thence s. and w. to New Dover

Lybrand, 1 mi. n. of, 5 mi. n. of Ostrander, 100 yds. w. of schoolh., on culv.; **aluminum tablet** stamped "928 C"	**929.107**
Magnetic Springs, 0.7 mi. s. of, n. w. cor. of T rd. n., on stone drain; chiseled sq.	942.72
Magnetic Springs, 1.5 mi. s. of, in cen. of T rd. w., on stone; chiseled square	948.62

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	Feet
Magnetic Springs, 2.3 mi. s. of, 1.5 mi. e. by 1 mi. s. of Pharisburg, s. w. cor. of T rd. w., in base of fence post; copper B. M. nail	953.58
Pharisburg, 1.5 mi. e. by 2 mi. s. of, n. w. cor. of T rd. w., base of gate post; spike	955.54
Pharisburg, 1.5 mi. e. by 3 mi. s. of, s. w. cor. of T rd. w.; **Iron post** stpd "954".	**953.953**
Pharisburg, 1.5 mi. e. by 3.3 mi. s. of, s. e. cor. of T rd. e., in base of fence post; staple painted white	960.18
New Dover, 2.1 mi. n. e. by 1.3 mi. n., s. e. cor. of stone curb of walk in front of Springdale Baptist Church; chiseled square	949.53
New Dover, 2.1 mi. n.e. by 1 mi. n., in s. e. cor. of T rd. e., on boulder; chiseled sq.	980.93
New Dover, 2.1 mi. n. e. of, 200 ft.w.of+rds.,n.e.cor. of stone drain; chiseled sq.	961.40
New Dover, 1.5 mi. n. e. of, e. abut. s. end of steel brg.; chiseled square	953.81

Magnetic Springs n. along highway to Essex

Magnetic Springs, n. e. cor. of +streets in cen. of town, on cor. of concrete walk; chiseled square	935.48
Magnetic Springs, 0.7 mi. n. of, n. w. cor. of +rds., on stone drain; chiseled sq.	935.39
Magnetic Springs, 2.2 mi. n. of, T rd. s. at rd. +ing of D. M. S. & N. Elec. R. R., in base of switch stand; spike head painted white	942.75
Richwood, 2.2 mi. s. of, on D. M. S. & N. Elec. R. R., at Claibourne Cemetery, n. w. cor. of walk from waiting room; chiseled square	940.68
Richwood, 1.8 mi. s. of, at rd. crossing on D.M.S. & N.Elec. R.R.; top of n. rail	938.3
Richwood, s. e. cor. of Franklin and Tawa Sts., on stone curb.; chiseled square	941.63
Richwood, n. e. cor. of Franklin and Bomford Sts., 15 ft. n. of n. w. cor. of town hall; **Iron post** stamped "950"	**950.320**
Richwood, crossing of Franklin St. and Erie R. R.; top of n. rail	945.7
Richwood, n. end of pavement on Franklin St., n. end of curbing on w. side of street, at T rd. e.; chiseled square	949.03
Richwood, 2.3 mi. n. of, n. w. cor. of +rds., in base of teleph. pole; spike	951.69
Richwood, 2.9 mi. n. of, s. w. cor. of T rd. w., in base of teleph. pole; spike	951.27
Richwood, 3.7 mi. n. of, s. e. cor. of T rd. e.; **Iron post** stamped "944"	**944.202**
Essex, s. e. cor. of concrete step to F. E. Moshier's store; chiseled square	948.82
Essex, 1 mi. n. w. of, at T road e. at Price's Cemetery, on w. side of road, on stone culvert; chiseled square	935.57

Point 2.2 mi. n. of Magnetic Springs w. along highways to point 1.5 mi. s. by 1 mi. w. of York Center

Magnetic Springs, 0.5 mi. n. by 1.5 mi. w. of, s. w. cor. of T rd. w.; **Iron post** stamped "944"	**944.467**
Magnetic Springs, 0.5 mi. n. by 2.25 mi. w. of, n. e. cor. of T rd. e., on stone culvert; chiseled square	952.29
Magnetic Springs, 3 mi. w. of, s. w. cor. of T rd. w., at Elliot schoolh., in base of telephone pole; spike	961.24
Claibourne, 1.5 mi. s. by 1 mi. e. of, n. w. cor. of +rds., in base of fence post; spike	971.79
Claibourne, 1.5 mi. s. of, n. w. cor. of +rds.; **Iron post** stamped "Prim. Trav. Sta. No. 81—1910—981"	**981.173**
Claibourne, 1.5 mi. s. w. of, at rd. +ing Erie R. R.; top of w. rail	995.3
Claibourne, 1.5 mi. s. by 1 mi. w. of, in s. w. cor. of +rds., n. w. cor. of second concrete step to entrance to Hull schoolh.; chiseled square	997.12

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	Feet
Somersville, 1.5 mi. s. e. by 0.8 mi. e., 300 ft. w. of T rd. n., n. w. cor. of e. abut. of steel brg.; chiseled square	998.72
Somersville, 1.5 mi. s. e. of, on Kenton and Marysville rd., n. e. cor. of +rds., in base of fence post; spike	1005.27
Somersville 1.5 mi. s. of, s. w. cor. of T rd. w., on e. iron drain pipe; chiseled sq.	1009.66
Somersville, 1.5 mi. s. by 0.8 mi. w. of, n. w. cor. of T rd. n. in base of teleph. pole at schoolh.; spike	1019.05
York Center, 1.25 mi. s. of, s. w. cor. of T rd. w., in base of fence post; spike	1042.28

1.5 mi. s. e. of Somersville n. on rd. to 1.6 mi. n. of Arbela

Somersville, 0.4 mi. s. of, n. w. cor. of forks, base of tel. pole; copper B. M. nail	1005.72
Somersville, 5 ft. s. of s. w. cor. of school bldg.; **iron post** stamped "1003"	**1003.520**
Somersville, 0.6 mi. n. of, s. e. cor. of T rd. e., in base of fence post; copper B. M. nail	1003.71
Somersville, 2.8 mi. n. of, 400 ft. n. of +rds. of Miller school, s. abut. of w. end of steel brg. over Fulton Creek; chiseled square	985.81
Somersville, 3.6 mi. n. of, n. e. cor. of +rds. on Greenville treaty line; **iron post** stamped "990"	**990.261**
Arbela, 1.3 mi. s. of, s. w. cor. of T rd. s., in base of fence post; copper B. M. nail	996.09
Arbela, 0.3 mi. s. of, 400 ft. s. of rd. forks, n. abut. e. side of small steel brg.; chiseled square	982.57
Arbela, n. w. cor. of +rds. at store, w. end of wooden drain; nail head painted white	988.41

3.6 mi. n. of Somersville w. on rd. to bridge over Bokes Creek

Byhalia, 3 mi. s. e. of, s. e. cor. of T rd. e., on Greenville treaty line, on top of red granite boulder; painted square	999.31
Byhalia, 1 mi. e. of, s. w. cor. of small wooden bridge; nail head painted white	1008.35
Byhalia, n. w. cor. of +rds., in cen. of town; chiseled sq. on stone	1031.67
Byhalia, 1 mi. s. w. of, n. w. cor. of rd. forks; **iron post** stamped "1052"	**1051.670**
Byhalia, 1.7 mi. s. w. of, on boundary rd., s. e. cor. of T rd. s., in base of telephone pole; copper B. M. nail	1064.51
Byhalia, 2.3 mi. s. w. of, on boundary rd., n. e. cor. of T rd. n. at schoolh., in base of fence post; copper B. M. nail	1058.34

Near Marysville n. along highway to near Somersville

Marysville, 2.9 mi. n. of, on Somersville pike, s. e. cor. of +rds., in base of fence post; spike	997.99
Marysville, 3.8 mi. n. of, on Somersville pike, in s. w. cor. of +rds., n. e. cor. of yard to John Scheiderer's res.; **iron post** stamped "1010"	**1010.578**
Broadway, 1 mi. e. by 2.9 mi. s. of, in s. e. cor. of T rd. e., in base of fence post; spike	1032.18
Broadway, 1 mi. e. by 2.2 mi. s. of, s. w. cor. of T rd. s. w., in base of telephone pole; spike	1026.97
Broadway, 1 mi. e. by 1.8 mi. s. of, at +roads, s. abut. w. end of small wooden brg.; chiseled square	1011.03
Broadway, 1 mi. e. by 0.5 mi. s. of, s. e. cor. of T rd. e., in base of tel. pole; spike	1012.80
Broadway, 1 mi. e. of, n. e. cor. of schoolh. at +roads; **iron post** stpd. "1017"	**1017.342**
Broadway, 1 mi. n. e. of, cen. of rd. +ing Erie Ry.; top of north rail	1014.0
Broadway, 1 mi. e. by 1.8 mi. n. of, n. e. cor. of +rds., base of fence post; spike	1008.67

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2.8 mi. n. w. of Marysville n. w. along rd. to Pottersburg

	Feet
Marysville, 3.5 mi. n. w. of, on Bellefontaine and Marysville rd., n. e. cor. of T rd. n.; **Iron post** stamped "1048"	**1048.004**
Marysville, 4.1 mi. n. w. of, in base of teleph. pole, at +rds.; spike	1070.32
Marysville, 5.8 mi. n. w. of, n. e. cor. of +rds., in base of teleph. pole; spike	1080.60
Pottersburg, 1.5 mi. e. of, s. w. cor. of +rds., on end of drain; painted sq.	1082.25
Allen Center, 1.2 mi. n. e. of, e. end of s. abut. of small steel brg.; chiseled sq.	1055.11
Pottersburg, 0.25 mi. n. of, s. e. cor. of +rds., 125 ft. e. of rd. +ing of Erie Ry.; **Iron post** stamped "1084"	**1084.181**
Pottersburg, 0.7 mi. w. by 0.7 mi. n. e., n. e. cor. of T rd. n. w., in top of stump of tree; copper B. M. nail	1095.76

Point 4 mi. s. e. of Mount Victory e. 3 mi. along highway

Mount Victory, 4 mi. s. of, 3 mi. n. w. of Byhalia at road e., 35 ft. e. by 20 ft. s. of cen. of intersec.; **Iron post** stamped "Prim. Trav. Sta. No. 83—Ohio—1029"	**1029.695**
Mount Victory, 5.3 mi. s.e. of, 70 ft. w. of brg. over Rush Creek, in top of fence post on property line; copper B. M. nail	1009.00
Mount Victory, 6 mi. s.e. of, at T rd. n., on sec. cor. stone in cen. of rd.; chiseled sq.	1015.27
Mount Victory, 6.8 mi. s. e. of, on Youkum road, at n. w. cor. of +roads, in bottom of fence post; copper B. M. nail	1004.51

Point 1 mi. n. w. of Essex e. to point 3 mi. w. of Greencamp

Essex, 1.25 mi. n. e. of, on w. end of doorsill at entrance schoolhouse (Dist. No. 5 Jackson Twp.); chiseled square	965.00
Essex, 2.5 mi. n. e. of, on State road, 100 ft. w. of res. and large barn, on large rock on n. side of rd.; chiseled square	952.69

Roxabell Quadrangle

Egypt Church southerly along highways to 5 mi. n. e. of Bainbridge (portion of line)

Egypt Church, n. e. cor. of church yd.; **Iron post** stamped "870 Ohio"	**869.40**
Egypt Church, 1 mi. s. w. of, in top of fence post at n. e. cor. of rd. and driveway leading to house of Ben. Ackley; copper B. M. nail	878.93
Austin, 3.5 mi. n. of, at T rd. s., n. side of rd., on n. wall of rd. culv.; sq. cut	829.67
Austin, 2½ miles n. w. of, on Dogtown pike, in front of A. Rowe's barn, in board along n. side of concrete platform; copper B. M. nail	811.45
Austin, 1.2 mi. n. of, C. H. & D. Ry.; top of rail	774.82
Austin, 1 mi. n. w. of, at intersec. of Washington and Dogtown pike, in top of fence post n. w. cor. of pikes; copper B. M. nail	778.49
Austin, in n. e. cor. of Washington pike and T rd. s.; **Iron post** stpd." 764 Ohio"	**764.209**
Austin, 1 mi. s. w. of, on n. e. cor. of stone abut. of rd. bridge; square cut	774.38
Harper Station, 1½ mi. e. by ½ mi. n. of, on n. e. cor. of abut. of iron bridge over Little Creek; square cut	862.23
Culps bridge and road; B. & O. S. W. Ry. crossing	870.12
Harper Station, 1 ½ mi. e. of, 400 ft. s. of B. & O. S. W. Ry., in n. w. cor. of +rds. and T rd. s. w.; **Iron post**	**860.643**

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	Feet
Harper Station, 1½ mi. e. of, on Greenfield-Lattaville pike, s. w. cor. of pike and T rd. n., in top of fence post; copper B. M. nail	960.13
Lattaville, ½ mi. w. of, on Lattaville and Greenfield pike, on s. w. cor. of wing wall of concrete culv.; sq. cut	850.31
Lattaville, ½ mi. w. of, thence 1 mi. s. w., on Porter Hollow road, in floor of small road bridge; copper B. M. nail	863.58
Lattaville, 2½ mi. s. of, on Lower Twin pike, e. side of driveway to L. Steven's house, about 500 ft. e. of Beach Grove Ch. in top of fence post; copper B. M. nail	781.97
Lattaville, 1½ mi. w. by 2½ mi. s. of, on Lower Twin pike, in n. w. cor. of pike and T rd. s.; **Iron post** stamped "820 Ohio"	**820.891**
Lattaville, 1½ mi. w. by 3½ mi. s. of, on Steiner Hill rd., along w. side of rd. leading to O. A. Stort's house, in root of locust tree; copper B. M. nail	996.47
Bourneville, 5 mi. w. of, on Upper Twin pike, in s. e. cor. of pike and T rd. s.; **Iron post**	**767.983**
Bainbridge, 5 mi. n. e. of, on Farrell Hill rd., on large stone at extreme top of divide; square cut	1218.60

Adamsville w. along highway and B. & O. S. W. Ry. to 1.5 mi. e. of Harper Station

Chillicothe, 2 mi. n. w. of courth., in s. w. wing wall of concrete bridge over small drain at Adamsville; chiseled sq. marked "637.8 T. B. M."	637.76
Chillicothe, 3.2 mi. n. w. of, 850 ft. n. of Frankfort and Egypt pike junct., s. e. cor. of concrete abut. of brg. on Egypt pike; chiseled sq. "661.8 T. B. M."	661.78
Chillicothe, 4.5 mi. n. w. of, on n. e. cor. of stone step at entrance to Brigg's schoolh. (Union township, District No. 3); square cut	772.22
Chillicothe, 3.5 mi. n. w. of, 2.8 mi. e. of Anderson, on wooden pier of steel viaduct over B. & O. S. W. Ry.; in painted sq. spike marked "747.2 T. B. M."	747.20
Anderson, 1.5 mi. e. of, s. w. cor. of coping of stone culvert on B. & O. S. W. Ry.; chiseled square marked "702.1 T. B. M"	702.15
Anderson, 0.25 mi. w. of, on w. abut. of overhead railroad bridge; square cut	696.52
Anderson, 1.5 mi. w. of, in n. w. cor. of intersection of lane and pike, 150 ft. n. of B. & O. S. W. Ry.; **Iron post** stamped "728" (Prim. Trav. 1909)	**727.407**
Musselman, 1.8 mi. s. of, C. H. & D. and B. & O. S. W. Ry. +ing; top of rail	707.2
Musselman, 1.25 mi. e. of, on w. abut. of ry. brg. over Paint Creek; chiseled sq.	702.90
Musselman, 0.25 mi. w. of, on e. abut. of brg. over Paint Creek; sq. cut	711.87
Musselman, 1.25 mi. w. of, 1.5 mi. e. of Roxabell, in e. abut. of ry. brg.; chiseled sq. marked "723.8 T. B. M."	723.83
Roxabell, in n. e. cor. of town hall yd.; **Iron post** "752—Ohio—1911"	**751.555**
Roxabell, 1.25 mi. w. of, w. end of stone culvert at dim rd. +ing with B. & O. S. W. Ry.; chiseled square marked "800.2 T. B. M."	800.19

Chillicothe n. and w. along highways to Clarksburg

Chillicothe, 5.5 mi. n. w. of, w. side of pike, in root of tree; copper B. M. nail	894.05
Chillicothe, 6.6 mi. n. w. of, 200 ft. s. of small store, in root of large walnut tree; copper B. M. nail	942.02
Chillicothe, 5 mi. n. of, n. w. cor. of intersec. of pike and lane to infirmary, in root of large locust tree; copper B. M. nail	691.30
Chillicothe, 7 mi. n. w. of, in s. w. cor. of T road n. e.; **Iron post** stpd. "752"	**751.422**
Andersonville, 2 mi. w. of, n. w. cor. of +rds. (T road s. e.), in root of large elm tree; copper B. M. nail	711.78

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Chillicothe, 10 mi. n. of, n. w. cor. of T rd. w., in side of tel. pole; copper B. M. nail	641.63
Yellowbud, 2.5 mi. s. of, in n. w. cor. of +rds.; **Iron post** stamped "689 Ohio"	**688.854**
Yellowbud, 3 mi. s. w. of, n. e. cor. of +rds.; copper nail in top of fence post	680.17
Clarksburg, 6.5 mi. s. e. of, n. e. cor. of T rd. n., in side of fence post; copper B. M. nail	710.13
Clarksburg, 3.5 mi. s. by 1 mi. e. of, n. e. cor. of +rd., in top of fence post; copper B. M. nail	694.21
Clarksburg, 4.0 mi. s. e. of, in s. e. cor. of +rds.; **Iron post** stamped "740 Ohio"	**739.656**
Clarksburg, 3 mi. s. e. of, s. w. cor. of intersection of pike and T road w., in side of telephone pole; copper B. M. nail	730.10
Clarksburg, 1 mi. s. e. of, at T rd. w., in side of large oak tree; copper B. M. nail	741.52

Point near Clarksburg s. along highways to Roxabell

Frankfort, 5 mi. n. of, s. w. cor. of +rds.; square cut on large stone	799.66
Frankfort, 4 mi. n. of, s. w. cor. of intersec. of pike and T rd. e., in root of elm tree; copper B. M. nail	784.73
Frankfort, 3 mi. n. of, n. w. cor. of +rds.; **Iron post** stamped "772 Ohio"	**772.363**
Frankfort, 1 mi. n. of, n. w. cor. of +rds., in e. side of tel. pole; copper B. M. nail	745.78
Frankfort, in n. e. cor. of schoolyard; **Iron post** stamped "740 Ohio"	**740.234**
Roxabell, in n. e. cor. of town hall yard; **Iron post** stamped "752—Ohio—1911"	**751.555**
Roxabell, crossing at station; top of s. rail of main track	750.8

Anderson along highways, s. e. to Slate Mills, thence s. w. to point near Bourneville, thence w. and n. to Roxabell

Slate Mills, 1.5 mi. n. w. of, in stringer over w. abut. of small iron brg. over creek; copper B. M. nail	673.56
Slate Mills, 0.5 mi. n. w. of, at +rds., in side of ry. rd. +ing sign; spike	666.18
Slate Mills, 0.8 mi. e. of, at intersec. of T rd. w. and pike; **Iron post** stamped "674"	**674.000**
Slate Mills, 0.8 mi. w. of, n. w. cor. of +rds.; top of lower hinge on gate	686.44
Slate Mills, 1.8 mi. w. of, n. e. cor. of crossroads; copper B. M. nail	700.11
Ebush, oppos. store of W. T. Miller, on concrete found'n of barn; sq. cut	676.78
Bourneville, 3.5 mi. n. e. of, in n. e. cor. of T rd. e.; **Iron post** stamped "702"	**701.652**
Bourneville, 2.5 mi. n. e. of, at T rd. w., in root of elm tree; copper B. M. nail	678.37
Bourneville, 2.5 mi. n. e. of, at T rd. w., on e. side of pike, opposite rd. to w., in root on n. w. side of 4th tree from e. end of row of trees; fence staple	678.80
Bourneville, 2.5 mi. n. e. by 0.6 mi. n. w., on Plug Run rd., in n. e. cor. of pike and T rd. n.; copper B. M. nail	681.14
Bourneville, 5.5 mi. n. of, at top of Broaddes Hill, s. w. corner of intersec. of rd. and drive, in root of maple tree; copper B. M. nail	1064.71
Slate Mills, 6 mi. w. of, s. e. cor. of T rd. s., fence post top; copper B. M. nail	808.06
Slate Mills, 7 mi. w. of, n. e. cor. of +ing of pike and T rd. s.; **Iron post** stpd. "848"	**848.060**
Roxabell, 3 mi. s. of, s. e. corner of intersec. of pike and T road n., in side of fence post; copper B. M. nail	1140.75
Roxabell, 1.5 mi. s. of, n. e. cor. of T rd. e., in side of tel. pole; copper B. M. nail	783.67

Point near Clarksburg s. along highway to Anderson

Clarksburg, 5.5 mi. s. e. of, 75 ft. w. of pike at +roads, in root of large oak tree; copper B. M. nail	794.73

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	Feet
Greenland, 2 mi. e. of, 0.5 mi. n. of Egypt pike, w. side of road, in stump of old tree; copper B. M. nail	946.73
Greenland, 2 mi. s. e. of, on stone step of Dry Run schoolhouse; square cut	924.91
Anderson, 4½ mi. n. of, on stone at intersec. of roads in front of S. Morris' farm; square cut	1008.94
Anderson, 4 mi. n. of, at intersec. of T road in front of J. S. Bundle's house, in stump of tree; copper B. M. nail	948.91
Anderson, 3½ mi. n. of, n. w. cor. of +rds.; **Iron post** stamped "853"	**853.067**
Anderson, 2 mi. n. of, s. w. cor. of +rds., in top of fence post; copper B. M. nail	793.82

Chillicothe to Huntington Town Hall

Chillicothe, 3 mi. s. w. of, boundary of Scioto and Huntington townships, on concrete township line post; square cut	654.73
Chillicothe, 4.0 mi. s. w. of, on Paint Creek rd., 0.2 mi. e. of schoolh., on s. side of rd. on hill, in root on n. side of 25-in. elm tree; copper B. M. nail.	693.71
Chillicothe, 5 mi. s. w. of, at s. e. cor. of T rd. s., in side of teleph. pole; copper B. M. nail	649.92
Chillicothe, 6 mi. s. w. of, n. w. cor. of +rds.; **Iron post** stamped "648"	**647.300**
Chillicothe, 6.84 mi. s. w. of, on Ralston Run, 40 ft. s. of T rd. w. at mouth of Strevy Run, on e. side of main rd. in root on n. w. side of 16-in. sycamore tree; copper B. M. nail	671.26
Chillicothe, 7.5 mi. s. w. of, in teleph. pole; copper B. M. nail	739.78
Chillicothe, 7.66 mi. s. w. of, at mouth of Bull Run, at steel brg. over Ralston Run, 160 ft. s. of T rd. w., on s. abut., top of w. of end wing wall; chiseled sq.	710.64
Chillicothe, 8.5 mi. s. w. of, on Ralston Run, at rd. forks, at Ralston Run school, in schoolyd., in root on e. side of 2-ft. walnut tree; copper B. M. nail	752.72
Chillicothe, 9.1 mi. s. w. of, on Ralston Run, s. edge of Roxabell Quad., at T rd. s. e., s. e. cor. of rds., in root on n. side of double sycamore; copper B. M. nail	790.98

Point near Roxabell w. to point near Lattaville

Lattaville, on concrete wall in front of J. Given's general store; sq. cut	899.03

2.5 mi. n. of Bourneville s. w. to 6 mi. n. e. of Bainbridge

Bourneville, 1 mi. n. e. of, s. e. cor. of +rds., in side of teleph. pole; copper B. M. nail	682.12
Bourneville, 1 mi. n. e. of, at T rd. n., at fence line, s. side of pike, in cen. of fourth class rd. to s., top of cor. stone; chiseled sq.	681.85
Bourneville, on concrete culv. in front of P. O.; square cut	680.67

Near Bainbridge e. along rds. to near Waller (portion of line)

Bainbridge, 4.69 mi. n. e. of, 1,000 ft. w. of Henry Markle's res., on s. side of small iron brg.; the most eastern drift bolt head, "699" marked on bridge	699.10
Bourneville, 1.59 mi. s. w. of, 1,000 ft. s. w. of William Meyer's res., on s. side of public rd., in base of teleph. pole; sixty-penny spike, marked "707" on pole	707.22
Bourneville, 1.1 mi. s. w. of, in s. e. cor. of intersec. of Cincinnati pike and T rd. s.; **Iron post** stamped "686 Ohio"	**687.724**
Bourneville, 1.1 mi. s. w., thence 1 mi. s. e., n. e. cor. of T rd. e., in base of cor. fence post; sixty-penny spike 2 in. above ground, "692" marked on post	692.02
Bourneville, 3.4 mi. s. of, at s. e. cor. of Marion Johnson's yard, on fence line, in s. root of 20-in. walnut tree; copper B. M. nail, "743" marked on fence.	742.90

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	Feet
Bourneville, 1.1 mi. s. w. thence 3 mi. s. e., s. w. cor. of T rd. s., about 100 ft. s. of Baum schoolh., in side of post; copper B. M. nail, "913.9" painted on post	915.69
Newingburg, (old postoffice), 1.5 mi. s. w. of, n. w. cor. of T rd. w., in top of cor. fence post; copper B. M. nail	716.47
Newingburg, (old postoffice), 1.3 mi. s. w. of, on large hill, 1,000 ft. s. w. of Milburn Gire's mail box, in root of 12-in. hickory tree on e. side of road; copper B. M. nail, "903" marked on tree	902.89
Newingburg, about 200 ft. n. of old postoffice; **Iron post** stamped "Prim. Trav. Sta. No. 72—1135—1909"	**1136.977**
Newingburg, (old postoffice), 0.97 mi s. e. of, on sandstone cor. stone in cen. of rd. 100 ft. n. of J. Hannon's res.; highest pt. marked on fence opposite	1108.78
Chillicothe w. along B. & O. S. W. R. R. to Musselman (precise line)	
Musselman, about 1.25 mi. e. of, on w. abut. of ry. brg. over branch of Paint Creek; **chiseled square** marked "B M" (C. & G. S. B. M. LVI)	**699.646**
Musselman, about 0.25 mi. w. of, on e. abut. of ry. brg. over branch of Paint Creek; **chiseled square** marked "B M" (C. & G. S. B. M. LVII)	**712.186**
Slate Mills, s. e. along C. H. & D. Ry. 2.8 mi., thence s. w. to point on Huntington pike 6.2 mi. s. w. of Chillicothe	
Slate Mills, 1.0 mi. s. e. of, 25 ft. n. of rd. +ing, s. end of C. H. & D. Ry. brg. 123, top of e. end 12x12-in. bent, 2 ft. lower than track; copper B. M. nail	644.56
Slate Mills, 2.3 mi. s. e. of, on e. side of ry., in post on w. side of C. H. & D. Ry., milepost I86 D77; copper B. M. nail	637.41
Slate Mills, 2.81 mi. s. e. by 0.5 mi. w., w. abut. top of n. end of brg. seat of highway brg. over n. fork of Paint Creek; chiseled square	631.12
Slate Mills, 2.8 mi. s. e. by 1.2 mi. s. w., 420 ft. s. e. of rd. forks, about 0.3 mi. s. e. of Shady Grove school, 350 ft. n. w. of bend in rd. to s. w., on e. side of rd., in root on w. side of 30-in. walnut tree; copper B. M. nail	640.58
Slate Mills, 2.8 mi. s. e. by 2.1 mi. s. w., on n. side of Paint Creek, at point known as Vopps Crossing, at bend in rd. at right angle to n., private rd. w., on s. side of rd. at bend, in root of 8-in. elm tree; copper B. M. nail	678.08
7 mi. n. w. of Chillicothe n. w. along Clarksburg road to 5.5 mi. s. e. of Clarksburg	
Chillicothe, 7.7 mi. n. w. of, on Clarksburg rd., at T rd. to s. w., on top of e. end of parapet wall, s. abut. of highway brg. over Dry Run; chiseled sq.	731.98
Chillicothe, 8.7 mi. n. w. of, on Clarksburg rd., 0.5 mi. n. w. of Mona school, at ft. of hill, on top of s. end of e. wing wall of s. abut. of culv., chiseled sq.	781.86
Chillicothe, 9.5 mi. n. w. of, on Clarksburg rd., 275 ft. e. of front of res. of I. S. Cook, at private rds. to n. and s., top of s. end of culv. over drain; chiseled sq.	797.70

Sabina Quadrangle

Near Sabina

Sabina, 1.7 mi. n. e. of, on B. & O. Ry., w. end of vitrified pipe drain under private rd. +ing, on n. side of ry.; painted square	1025.15
Sabina, 1 mi. n. e. of, on B. & O. Ry., in n. w. cor. of rd. +ing, in base of teleph. pole; spike	1031.94
Sabina, road +ing, at B. & O. Ry. at sta.,; top of s. rail	1043.6
Sabina, 1900 ft. w. of sta., 50 ft. n. of C. & M. V. Ry. tracks, 25 ft. w. of rd.; **Iron post** stamped "1045"	**1045.485**

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Sabina, 0.7 mi. n. w. of, on s. side of rd. at T rd. n. e., in base of fence post; spike	1045.30

Clinton e. along Pennsylvania and B. & O. Rys. to Sabina

Melvin, in e. end of cribbing, that forms platform of sta.; top of drift bolt head	1061.99
Melvin, 0.75 mi. e. of, on s. end of e. abut. of B. & O. Ry. brg.; chiseled square	1068.85
Melvin, 1.4 mi. e. of, B. & O. Ry. summit	1097.4
Reesville, in n. e. cor. of crib platform of sta.; top of drift bolt head	1075.20
Reesville, 1.6 mi. e. of, on s. end of e. abut. of B. & O. Ry. brg.; chiseled sq.	1042.65
Sabina, n. w. corner of curbing of station platform	1045.19

Glendon s. e. along highway to near Staunton

Glendon, 2.1 mi. s. of, in n. w. angle of the intersec. of Snow Hill rd. and Trace rd., on w. end of plank drain; copper B. M. nail	1015.02
Glendon, 3.8 mi. s. of, in s. w. angle of intersec. of Trace rd. and pike; 15 ft. w. by 18 ft. s. of cen. of rd. intersec.; **Iron post** stamped "Ohio 1019"	**1019.067**
Staunton, 1.3 mi. w. of, 25 ft. e. by 20 ft. s. of cen. of rd. forks, in root of hickory tree; copper B. M. nail	1001.58
Buena Vista, 2.0 mi. n. w. of, 16 ft. w. of cen. of intersec. of Washington rd. and Trace rd., on top of rock; bottom of chiseled sq.	1025.52

Near Olive Church

East Monroe, 1.25 mi. n. w. of, on w. side of Barger rd., at rd. to n. e.; **Iron post** stamped "Prim. Trav. Sta. No. 61—1909—Ohio—1026"	**1025.977**
Olive Chapel, 500 ft. w. of, n. e. angle of + rds., on n. end of drain; painted sq.	1018.92
New Martinsburg, 2.5 mi. w. of, n. e. angle of forks, n. end of culv.; painted sq.	1037.88

Sabina along highway s. e. 3.5 mi., thence s. w. 4.5 mi., thence n. w. and n. e. to Sabina

Sabina, 1 mi. s. of, s. cor. of T rd. s. w., on white limestone rock; painted circle marked "1048.2"	1048.18
Sabina, 2.5 mi. s. e. of, n. w. wing wall of brg.; chiseled sq. marked "1053.5"	1053.49
Sabina, 3.5 mi. s. of, 100 ft. n. of T rd. n. e., s. w. wing wall of brg.; chiseled sq. marked "1049.6"	1049.65
Sabina, 4 mi. s. of, 2.2 mi. n. e. of Lees Creek, n. w. cor. of + rds.; **Iron post** stamped "1069 Ohio"	**1069.163**
Lees Creek (Centreville), 1.25 mi. n. e. of, 60 ft. e. of + rds., in butt of teleph. pole; copper B. M. nail marked "1104.7"	1104.75
Lees Creek, 0.25 mi. n. e. of, s. end of stone culv.; chiseled sq. mkd. "1089.5"	1089.52
Lees Creek, 1 mi. s. w. of, 100 ft. e. of rd. forks, in butt of teleph. pole; copper B. M. nail marked "1092.8"	1092.86
Lees Creek, 2 mi. s. w. of, 4.4 mi. n. e. of Snow Hill, s. e. cor. of + rds.; **Iron post** stamped "1110 Ohio"	**1109.773**
Lees Creek, 2 mi. s. w. of, 3.75 mi. e. of New Antioch, e. end of stone culv.; 200 ft. s. of + rds.; chiseled square marked "1097.1"	1097.07
Lees Creek, 2.5 mi. w. of, 2.5 mi. e. of New Antioch, 400 ft. n. of T road w., w. end of stone culvert; chiseled square marked "1089.3"	1089.31
Lees Creek, 3 mi. n. w. of, 3.5 mi. n. e. of New Antioch, e. end of stone culv. near Thomas Ragan's res.; chiseled square marked "1087.4"	1087.44
Melvin, 3 mi. s. e. of, n. e. cor. of T rd. n. w.; **Iron post** stamped "1078 Ohio"	**1079.399**

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Melvin, 1.5 mi. s. e. of, w. end of culv. at T rd. s. w.; chiseled sq. mkd. "1080.5"	**1080.48**
Melvin, 0.75 mi. s. e. of, s. end of entrance to schoolh., (Dist. No. 5 Richland Twp.); chiseled square marked "1077.4"	1077.32
Melvin, 0.5 mi. s. e. of, w. end of n. stone culv. at +rds.; chiseled sq. mkd. "1066.1"	1066.05
Reesville, 2 mi. s. w. of, 1 mi. e. of Melvin, s. cor. of e. abut. of concrete brg. over Anderson Fork; chiseled square marked "1060.6"	1060.55
Reesville, 0.5 mi. s. of, w. end of s. drain tile at +rds.; painted sq. mkd. "1097.7"	1097.58
Sabina, 1 mi. w. of, s. side of pike, in butt of teleph. pole near Jim Roberts' res.; copper B. M. nail marked "1039.2"	1039.08
Sabina, 0.8 mi. w. of, n. cor. of w. abut. of brg;. chiseled sq. marked "1039.9"	1039.74

New Antioch s. e. along highway to New Vienna, thence w. along B. & O. S. W. Ry. to Farmers (leveled twice)

New Antioch, 1.5 mi. s. of, 200 ft. n. of T road s. w., s. e. corner of stone abut. of bridge; chiseled square marked "1056.6"	1057.24
New Vienna, 4.7 mi. n. w. of, 2.5 mi. s. e. of New Antioch, n. end of stone step of brick schoolh., (Dist. No. 8 Green Twp.); chiseled sq. marked "1082.3"	1082.92
New Vienna, 3.7 mi. n. w. of, 1.5 mi. n. w. of Snow Hill, e. side of Wilmington rd., at T road s. w.; **Iron post** stamped "Prim. Trav. Sta. No. 65—1130—Ohio"	**1130.266**
New Vienna, 2.2 mi. n. w. of, 1240 ft. s. e. of Snow Hill, n. end of stone culvert at T road s. w.; chiseled square marked "1105.2"	1105.85
New Vienna, 1.3 mi. n. w. of, w. side of stone bridge on Wilmington road; chiseled square marked "1104.4"	1105.01
New Vienna, n. e. corner of B. & O. S. W. Ry. street crossing at depot, in corner of M. Rice's lot; **Iron post** stamped "1118 Ohio"	**1118.416**
New Vienna, 0.6 mi. w. of, at B. & O.S.W.Ry. crossing, turning point marked "1132.6"; top of s. rail	1133.2
New Vienna, 1.5 mi. w. of, n. w. corner of top of stone foundation of B. & O. S. W. Ry. viaduct over wagon road; chiseled square marked "1086.7"	1087.29
New Vienna, 2.4 mi. w. of, 1 mi. e. of Farmers Station, s. w. foundation stone of B. & O. S. W. Ry. water tank; chiseled square marked "1055.7"	1056.25

2 mi. s. w. of Lees Creek, s. w. along highway to Snow Hill

Lees Creek, 3 mi. s. w. of, 3.4 mi. n. e. of Snow Hill, on stone door sill of schoolh., (red brick) (Dist. 4, Green Twp.); chiseled sq. "1121.9"	1121.92
Lees Creek, 3.8 mi. s. w. of, 2.4 mi. n. e. of Snow Hill, 4 mi. s. e. of New Antioch, n. end of stone culv., at +rds.; chiseled square marked "1116.3"	1116.32
Snow Hill, 1.2 mi. n. e of, 5 mi. s. w. of Lees Creek, s. end of e. abut. of brg., chiseled sq. marked "1102"	1102.04

4.5 mi. s. of Sabina s. e. along highway to Olive Chapel

Lees Creek, 3.3 mi. e. of, 5 mi. s. e. of Sabina, at T rd. w., at n. w. cor. of plank brg., on large flat rock 3 x 4 ft.; chiseled sq. marked "1065.9"	1066.00
Lees Creek, 4 mi. e. of, 1 mi. n. e. of Memphis, 200 ft. s. of +rds, on large rock at n. end of plank brg.; chiseled sq. marked "1079.9"	1080.02
Highland, 5.2 mi. n. of, n. cor. of +ing, of Morris and Barger roads, at fence cor., in root of 30-in. oak tree; copper B. M. nail marked "1076.7"	1076.77
Leesburg, 4.5 mi. n. of, s. w. cor. of +roads; **Iron post** stamped "1044 Ohio"	**1043.802**
Leesburg, 4.25 mi. n. of, n. stone wing wall e. end of steel highway brg., over Lees Creek, on n. end of third course; chiseled sq. marked "1024.1"	1024.20

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	Feet
Leesburg, 4 mi. n. e. of, s. e. corner of crossroads, in butt of telephone pole; copper B. M. nail marked "1042.1"	1042.20

Olive Chapel s. w. along highway to Leesburg, thence e. along B. & O. S. W. Ry. to East Monroe

Leesburg, 2.75 mi. n. e. of, s. e. wing wall of steel brg.; chiseled sq. mkd."992.5"	992.60
Leesburg, 1.5 mi. n. e. of, 500 ft. s. of T rd. e., n. end of stone found'n of wooden bridge; chiseled square marked "991"	991.13
Leesburg, 0.75 mi. n. of, w. end of e. abut. of steel highway brg. over Lees Creek; chiseled square marked "939.4"	939.58
Leesburg, 0.75 mi. n. of, at brg.; water surface of Lees Creek, July 15, 1914	926.84
Leesburg, 1,100 ft. e. of B. & O. S. W. Ry. station, s. w. cor. of ry. +ing with Eastern Ave.; **Iron post** stamped "1021 Ohio"	**1021.442**
Leesburg, 1.1 mi. e. of, n. e. stone pier found'n of private rd. viaduct over B. & O. S. W. Ry.; chiseled square marked "990.2"	990.26
Leesburg, 1.8 mi. e. of, end of ry. brg. over Lees Creek, 150 ft. w. of rd. +ing; chiseled square marked "960"	960.06
East Monroe, 0.5 mi. w. of, w. end of tile drain at private rd. crossing at w. end of railway switch; painted square marked "958.5"	958.54
East Monroe, in front of ry. sta., opposite semaphore; top of s. rail	962.7

Leesburg w. along B. & O. S. W. Ry. to New Vienna

Leesburg, at railway depot, opposite semaphore; top of rail	1018.6
Leesburg, 0.34 mi. w. of, n. w. cor. of ry. viaduct; chiseled sq. mkd."1024.2"	1024.30
Leesburg, 1.11 mi. w. of, 1 mi. e. of Highland Station, w. cor. of s. end of concrete viaduct under ry.; chiseled sq. marked "1050.4"	1050.44
Highland, opposite w. end of station; top of n. rail	1078.3
Highland, 100 ft. n. of ry. depot, n. end of entrance step to Mrs. L. C. Horseman's store bldg.; chiseled sq. marked "1085.3"	1085.34
Highland Station, 0.75 mi. w. of, 4.7 mi. e. of New Vienna, s. w. cor. of ry. +ing with Urbana rd.; **Iron post** stamped "1117 Ohio"	**1117.172**
New Vienna, 3.43 mi. e. of, 1.75 mi. w. of Highland; w. joint of n. rail of ry. at rd. +ing, painted "1109"	1109.09
New Vienna, 2.7 mi. e. of, n. end of iron drain pipe under ry. track, at angle of rd. +ing; painted sq. marked "1123.5"	1123.57
New Vienna, 1.7 mi. e. of, 300 ft. w. of summit of grade over high ridge on ry., on tie cen. of track; copper B. M. nail in painted sq., marked "1169.5"	1169.55
New Vienna, 0.5 mi. e. of ry. depot, s. e. part of town, at pike +ing; w. joint of n. rail, marked "1135.8"	1135.84

5.2 mi. n. of Highland s. along highway to Highland

Highland, 4.4 mi. n. of, 200 ft. e. of T rd s. e., top of Clinton-Fayette county line stone n. side of rd.; chiseled sq. marked "1089.1"	1089.16
Highland, 3.5 mi. n. of, cen. of w. steel guard rail on concrete bridge; painted sq. marked "1062"	1062.04
Highland, 3 mi. n. of, s. e. abut. of cov. brg. over branch of Lees Creek; chiseled sq. marked "1040.9"	1041.02
Highland, 2.5 mi. n. of, e. side of Highland and Reesville pike, at T rd. near T. Morrison's res.; **Iron post** stamped "Prim. Trav. Sta. No. 66—1909—Ohio"	**1072.133**
Highland, 1.5 mi. n. of, w. side of stone culv.; chiseled sq. marked "1055.2"	1055.31

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Highland, 0.5 mi. n. of, e. end of stone culv. on pike; chiseled sq. mkd. "1069.3"	1069.35
Highland, s. end of town, n. w. cor. of stone abut. of steel brg. over s. fork of Lees Creek; chiseled square	1035.57

Near Leesburg s. w. on road to s. border of quadrangle

Leesburg, 2.2 mi. e. of, at rd fording; water surface of Lees Creek	877.09
Leesburg, 2.9 mi. s. e. of, n. end of stone culv. in front of S. B. Ree's res., 400 ft. w. of crossroads; chiseled square marked "973.6"	973.62
Bridges, 1.8 mi. n. of, n. w. cor. of crossrds., top of large millstone buried in ground for anchor guy; chiseled square marked "978"	978.02
Bridges, 0.7 mi. n. of, n. cor. of T rd. e.; **iron post** stamped "963 Ohio"	**962.966**
Bridges, 500 ft. s. of, T rd. e., 400 ft. s. of store, on n. w. wing wall of brg. over Bridgewater Creek; chiseled square marked "888.7"	888.79
Bridges, 0.8 mi. s. of, s. e. wing wall of brg. over branch of Bridgewater Cr.; chiseled square marked "919.3"	919.41
Bridges, 1.7 mi. s. w. of, w. end of stone culv., 300 ft. s. of +rds.; chiseled sq. marked "1021.3"	1021.44
Bridges, 2.9 mi. s. w. of, s. w. wing wall of bridge, 800 ft. n. of schoolh. (sub. dist. No. 3, Penn Twp.); chiseled square marked "1037.9"	1038.00
Bridges, 4 mi. s. w. of, 8.8 mi. s. w. of E. Monroe, s. w. cor. of pike intersec., near top of high ridge; **iron post** stamped "1122 Ohio"	**1122.314**

Point 4 mi. n. of Hillsboro, n. along highway to Highland

Samantha, 1.5 mi. s. of, 5 mi. n. of Hillsboro, w. end of drain tile culv.; painted square marked "1093.6"	1093.55
Samantha, 1.2 mi. s. of, large stone at foot of telephone pole near top of high hill; painted circle marked "1155.4"	1155.36
Samantha, 0.75 mi. s. of, 5.75 mi. n. of Hillsboro, 10 ft. s. of barn driveway of O. W. McClara's res., on large white rock; chiseled sq. marked "1163.9"	1163.85
Samantha, s. part of town, n. w. cor. of Friends' Church yard; **iron post** stamped "1129 Ohio"	**1128.680**
Samantha, 1 mi. n. of, on n. end of concrete culv. at T rd w.; chiseled sq. marked "1148.3"	1148.25
Samantha, 1.75 mi. n. w. of, 2.5 mi. s. of Highland, n. end of concrete culv. at T rd. e.; chiseled sq. marked "1189.3"	1189.26
Highland, 2 mi. s. of. e. end of concrete culv. at T rd. s. near schoolh. (sub. dist. No. 4 Penn Twp.); chiseled sq. marked "1152"	1151.93

New Vienna s. along highway to s. border of quadrangle

New Vienna, 0.56 mi. s. of, s. e. abut. of steel brg.; chiseled sq. marked "1115.6"	1115.61
New Vienna, 1.5 mi. s. of, s. w. cor. of T rd. w.; on white limestone rock; chiseled square marked "1134.1"	1134.16
New Vienna, 2.4 mi. s. of, w. side of pike at T rd. e., in butt of teleph. pole; copper B. M. nail marked "1128"	1128.00
New Vienna, 3.2 mi. s. of, n. w. cor. of +rds.; **iron post** stamped "1117 Ohio"	**1116.803**
New Vienna, 4 mi. s. of, s. e. cor. of concrete floor of bridge over branch of Turtle Creek; chiseled square marked "1088.1"	1088.09
New Vienna, 5 mi. s. of, 6 mi. n. w. of Hillsboro, cen. of T rd. w., at n. end of wooden culv., on large white limestone rock; chiseled sq. marked "1127.3"	1127.26

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St. Clairsville Quadrangle

Unionvale southeast to Dillonvale

	Feet
Adena, 1,800 ft. s. e. of, iron brg. No. 199-a, on top stone of n. w. abutment; **aluminum tablet** stamped "860 Steubenville"	**859.690**
Dillonvale, 3,300 ft. n. of, iron wagon brg. at intersec. of rds. on s. wing wall of; **aluminum tablet** stamped "737 Steubenville"	**736.805**

Bridgeport along C. L. & W. Ry. to Bannock

Wheeling Creek, e. side of creek, on n. end of w. abut. of brg. 217; chiseled sq.	656.16
Wheeling Creek, at w. end of sta., on s. end of brg. No. 214, w. abut. chiseled sq.	678.13
Wheeling Creek, 1.0 mi. w. of, on s. end of w. abut of brg. No. 213; chiseled sq..	687.91
Wheeling Creek, 1.5 mi. w. of, on n. end of e. abut, of brg. 212; chiseled sq.	702.25
Blaine postoffice, Pasco sta., e. approach to stone brg. over Wheeling Creek on National road, on s. wall of; chiseled sq. (recovered by B. & O.)	726.59
Blaine, 1.0 mi. n. of, brg. No. 208, on s. end of w. abut.; **tablet** stamped "742 Steubenville" (recovered by B. & O.)	**741.639**
Blaine, 2.2 mi. w. of, 600 ft. e. of Barton Tunnel, brg. No. 203, s. side of w. abut.; chiseled square	771.33
Barton, e. end of, bridge No. 200, on s. end of w. abutment; chiseled square	791.95
Maynard, 1.0 mi. s. of, wooden cov. county brg. over Wheeling Creek, on n. side of e. abut. coping; **aluminum tablet** "842 Steubenville" (recovered by B. & O.).	**841.567**
Maynard, 2.9 mi. w. of, brg. No. 185, just e. of Fairpoint Tunnel, on n. end of w. abut.; chiseled square	888.24
Fairpoint, 0.5 mi. e. of, brg. No. 182, on n. end of w. abut.; chiseled square.	900.44
Fairpoint, 0.8 mi. w. of, brg. No. 176, on n. end of w. abut.; **aluminum tablet** stamped "920 Steubenville" (recovered by B. & O.)	**920.248**
Bannock, just w. of, brg. No. 170, on n. end of w. abut.; chiseled square	985.33

St. Clairsville along B. & O. Ry. via Neffs to Bellaire

St. Clairsville, on e. end of main entrance to courth.; **bronze tablet** stamped "1284 Steubenville"	**1283.880**
Neffs (Steele), county brg. over Little McMahon's Cr., on s. end of w. abut.; **bronze tablet** stamped "733 Steubenville"	**732.178**
St. Clairsville Junction, just w. of sta., s. end of e. abut. of brg. No. 38; chiseled sq.	721.98
Neff's Siding, 2.1 mi. e. of, on cen. of w. abut. of brg. No. 39; chiseled square	710.79

Neffs Siding w. along B. & O. Ry. to Barnesville

Neffs Siding, 1.0 mi. w. of, stone arch brg., on s. side, on coping of center of; chiseled square	749.28
Glencoe, just e. of sta., on n. w. cor. of w. abut. of brg. No. 34; chiseled sq.	831.77
Warnock, just e. of sta., on n. end of w. abut. of bridge No. 30; **bronze tablet** stamped "942 Steubenville"	**941.347**
Warnock, 1.8 mi. w. of, on n. end of e. abut. of brg. No. 28, near cen.; chiseled sq.	994.62

3 mi. s. e. of Belmont, n. e. to B.& O. brg. No. 31 at Marbletown

Galloway Knob, triangulation sta., 5 mi. e. of Belmont, in top of marble monument; **bronze tablet**	**1397.143**

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	Feet
Marbletown (Whitney P. O.), 0.12 mi. n. of B. & O. Ry., iron rd. brg., on top of stone, n. w. abut.; chiseled square	912.23

St. Henry Quadrangle

Thomas schoolhouse along highway n., thence e. via North Star to Yorkshire, thence s. to Versailles

Rossburg (Hagerman P. O.), 6 mi. w. of, in n. face of n. w. cor. of b rick schoolh., Dist. No. 2; **aluminum tablet** stamped "1022 ADJ 1905"	**1022.151**
Rose Hill, 1.25 mi. n. by 0.5 mi. w. of, at diagonal rd. to s. e., at s. end of small stone culv. over large ditch; **aluminum tablet** stamped "1078 ADJ 1905"	**1077.638**
New Weston, 1 mi. s. by 1.25 mi. w. of, in w. face of n. w. cor. of e. abut. of brg. over Wabash River; **aluminum tablet** stamped "1021 ADJ 1905"	**1021.291**
North Star, 2.5 mi. w. of, in bridge seat at n. e. cor. of brg. over Wabash River; **aluminum tablet** stamped "986 ADJ 1905"	**985.970**
North Star, about 130 ft. n. of +rds. and on e. side of rd., in w. face of s. w. cor. of Wabash township house; **aluminum tablet** stamped "1006 ADJ 1905"	**1006.385**
Versailles, 1 mi. w. by 3.5 mi. n. of, 0.5 mi. w. by 3 mi. s. of Yorkshire, in brg. seat at s. w. cor. of brg. over Swamp Cr.; **aluminum tablet** stamped "991 ADJ 1905"	**990.972**

Rose Hill n. to Victoria, thence n. e. along L. E. & W. Ry. to near Coldwater, thence e. to and along C. H. & D. Ry. s. e. to Chickasaw

Ft. Recovery, 3 mi. s. by 1.5 mi. e. of, in watertable in n. face of n. w. cor. of schoolh. at e. end of T rd. n.; **aluminum tablet** stamped "1047 ADJ 1905"	**1046.485**
Victoria P. O., in w. face of n. w. cor. of belfry tower and entrance to St. Joseph Catholic Church; **aluminum tablet** stamped "983 ADJ 1905"	**986.396**
Victoria, 2 mi. n. e. of, T. 7 S., R. 1. E., s. w. cor. sec. 1, in w. face of Oakland schoolh.; **aluminum tablet** stamped "964 ADJ 1905"	**964.015**
Coldwater, 1.5 mi. e. by 1 mi. s. of, T. 6 S., R. 2 E., cen. s. edge of sec. 35; in s. face of s. w. cor. of brick schoolh.; **aluminum tablet** stamped "913 ADJ 1905"	**912.643**
Montezuma, 1.5 mi. s. of, 1 mi. s. by 3.75 mi. e. of Coldwater, in bridge seat at s. w. cor. of brg. over Beaver Creek; **aluminum tablet** stamped "886 ADJ 1905"	**885.981**

New Weston n. along C. & N. Ry. to near Coldwater

New Weston, in e. face of s. e. cor. of H. Schilling's store and dwelling at n. side of rd. about 80 ft. w. of C. & N. Ry.; **aluminum tablet** "1015 ADJ 1905"	**1014.719**
St. Henry, 1.75 mi. s. of, 0.5 mi. e. of ry., at Gelhaus schoolh., in n. face of n. w. cor.; **aluminum tablet** stamped "968 ADJ 1905"	**967.873**
St. Henry, in watertable of n. face of n. e. cor. of new schoolh.; **aluminum tablet** stamped "974 ADJ 1905"	**973.711**
St. Henry, 1.75 mi. n. of, 0.5 mi. s. of Philothea, in next to top coping stone at n. cor. of concrete culv.; **aluminum tablet** stamped "927 ADJ 1905"	**927.343**

St. Marys Quadrangle

Near Bevan

Bevan, near scales, 8-ft. drain, in large elm tree; copper B. M. nail	632.73
Bevan, 0.5 mi. n. of, on rock e. of rd.; chiseled square	813.13
Bevan, 1 mi. n. w. of, on rock e. of rd.; chiseled square	1045.37

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At head of Cady Run

	Feet
Archers Fork, 2.5 mi. n. e. of, at head of Cady Run, Bell M. E. Chapel near cen. of sec. No. 11, Grandview township, 30.8 ft. from n. e. cor., and 30 ft. from s. e. cor.; **iron post** stamped "1146 ADJ 1903"	**1145.721**

On Ohio River (Army Engineers' precise line)

Cavenrock, W. Va., about 4000 ft. upstream from sta., Army Engineers' U. S. B. M. 148-A, on Ohio River Ry. trestle No. 581 over Riggs Run; on s. w. cor. of s. **abutment**, Elev. 621.008	**620.561**
Grape and Bat Islands, about 1 mi. upstream, Army Engineers' U. S. B. M. 150-A, on Ohio River Ry. trestle No. 602, on w. side of track; on n. **stone abutment**, Elev. 618.469	**618.021**

St. Paris Quadrangle

Point near Quincy s. along highway to Christiansburg

Quincy, 4 mi. s. of, at n. e. cor. of +rds., 20 ft. e. and 20 ft. n. of cor. of secs. 19, 20, 25, and 26, **iron post** stpd ."Prim. Trav. Sta. No. 35—1116—Ohio"	**1116.016**
Carysville, n. w. cor. of T rd. w., in schoolh. yard; **iron post** stpd. "1129 Ohio"	**1129.073**
Carysville, 3 mi. s. of, on pike, in s. w. cor. of T rd. e.; **iron post** stamped "1173 Ohio"	**1173.016**
St. Paris, 1.5 mi. w. by 1.5 mi. n. of, s. e. corner of crossroads; square cut on large stone	1217.74
St. Paris, 1.5 mi. w. of, on pike, s. w. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 42—1226—Ohio"	**1225.739**
St. Paris, 1.5 mi. w. by 1 mi. s. of, near pike at n. e. cor. of +rds.; sq. cut on large stone	1218.79
Christiansburg, 1.5 mi. e. by 1.5 mi. n. of, on pike in s. e. cor. of +rds.; **iron post** stamped "1191 Ohio"	**1190.942**
Christiansburg, 1.5 mi. e. of, on pike, in cen. of +rds.; sq. cut on large stone	1188.04

West Liberty w. along highway to 4 mi. s. of Quincy

West Liberty, s. end of cen. of rd. +ing O. E. Ry., at T rd. e.; top of e. rail	1086.8
West Liberty, 0.9 mi. s. w. of, s. w. cor. of +rds., on Springhills rd., on stone box culvert; chiseled square	1102.97
West Liberty, 1.1 mi. w. of, on Springhills rd., s. w. cor. of T rd. s., on end of vitrified drain pipe; painted square	1135.18
West Liberty, 1.7 mi. w. of, in n. w. cor. of +rds., on w. end of iron drain pipe; chiseled square	1124.76
West Liberty, 2.25 mi. w. of, 140 ft. w. of s. e. cor. of school ground, sub dist. No. 6. at T rd. s., 2 ft. from s. end of retaining wall of drain; chiseled sq.	1125.20
West Liberty, 2.8 mi. w. of, s. side of rd. at T rd. n., fence post base; spike	1103.21
West Liberty, 3.25 mi. w. of, s. e. cor. of T rd. s., on top of large granite boulder; chiseled square	1088.92
West Liberty, 3.3 mi. w. of, 200 ft. w. of T rd. s., 40 ft. s. of rd., 35 ft. n. e. of Gladys Creek, at Christian Church; **iron post** stamped "1091"	**1091.303**
Springhills, 2 mi. e. of, 200 ft. w. of T rd. n., on n. end of stone box culv.; chiseled square	1085.10
Springhills, 1.5 mi. e. of, n. side of rd., at T rd. s. in base of fence post; spike.	1081.02
Springhills, 7 ft. w. of n. w. cor. of town hall, n. w. cor. of concrete walk; **iron post** stamped "1050" (on Bellefontaine Quad.)	**1049.916**

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	Feet
Springhills, 0.2 mi. s. of, on e. side of rd. at forks, in base of teleph. pole; spike (on Bellefontaine Quad.)	1057.55
Springhills, 0.5 mi. s. w. of, on n. side of rd. at T rd. s. inside fence, on boulder; chiseled square	1059.78
Springhills, 1 mi. s. w. of, n. side of rd. at rd. forks, in base of tel. pole; spike.	1096.52
Springhills, 2 mi. s. w. of, n. w. cor. of w. abut. of steel brg. over creek; chis. sq.	1075.92
Springhills, 2.4 mi. s. w. of, s. w. cor. of T rd. s. on large boulder; chiseled sq.	1103.15
Springhills, 2.8 mi. s. w. of, in s. e. cor. of +rds., on stone drain; chiseled sq.	1116.35
Quincy, 2.5 mi. e. by 3.6 mi. s. of, n. w. cor. of T rd. e., on e. end of small wooden bridge, on s. abut.; **chiseled square**	**1126.500**
Rosewood, 2 mi. n. by 1 mi. e. of, s. w. cor. of private road w. at bend, on concrete base of fence post; chiseled square	1138.80
Rosewood, 1.7 mi. n. by 1 mi. e. of, n. w. cor. of T rd. w., on end of iron drain pipe; chiseled square	1127.42
Quincy, 4 mi. s. by 1 mi. e. of, n. w. cor. of +rds., on boulder; chiseled square	1124.10
Quincy, 4 mi. s. of, at road +ing D. T. & I. Ry.; top of w. rail	1118.1

3.2 mi. n. of Urbana w. along rd. 5.5 mi., thence n. to Springhills

Urbana, 3.25 mi. n. of, at Big Four Ry. crossing; top of w. rail	1043.9
Urbana, 3.25 mi. n. by 2.1 mi. w. of, n. e. cor. of T rd. n., 700 ft. e. of Mad River bridge; **iron post** stamped "1025"	**1024.960**
Urbana, 3.25 mi. n. by 2.8 mi. w. of, on n. e. abut. of small iron bridge over ditch; chiseled square	1024.66
Urbana, 3.25 mi. n. by 3.7 mi. w. of, opposite T rd. e., in top of brace to fence post; copper B. M. nail	1028.07
Urbana, 3.25 mi. n. by 4 mi. w. of, on n. w. concrete abut. of small iron bridge over small drain; chiseled square	1024.15
Urbana, 3.25 mi. n. by 4.8 mi. w. of, s. e. cor. of +rds., fence base post; spike	1075.02
Urbana, 3.25 mi. n. by 5.4 mi. w. of, s. w. cor. of Concord M. E. Church yard; **iron post** stamped "1058"	**1058.196**
Crayon, 3 mi. e. by 1.5 mi. s. of, s. w. cor. of +rds., in base of 18-inch hickory tree; spike	1095.06
Crayon, 3 mi. e. by 0.5 mi. s. of, s. w. cor. of +roads, in base of cor. fence post; spike	1064.64
Crayon, 3 mi. e. by 0.5 mi. n. of, 600 ft. s. of iron brg. over Muddy Creek, n. w. cor. of n. e. quar. of sec. 17, Concord Twp.; **iron post** stamped "1044"	**1044.533**
Crayon, 1 mi. n. by 3.0 mi. e. of, s. w. cor. of +rds., on n. w. cor. of stone culvert; chiseled square	1053.33
Springhills, 3 mi. s. e. of, at s. e. cor. of small wooden culv. under road, on top of 18-in. granite boulder; chiseled square	1067.38
Springhills, 1.5 mi. s. e. by 1 mi. e., 450 ft. s. of crossroads, n. e. cor. of concrete culvert under road; chiseled square	1094.88
Springhills, 1.5 mi. s. e. of, s. e. cor. of T rd. e., n. w. cor. of secs. 19, 20, 25, and 26, **iron post** stamped "Prim. Trav. Sta. No. 97—"1069"	**1089.135**
Springhills, 0.4 mi. s. of, n. e. cor. of T rd. s. on 12-in. granite boulder; painted sq.	1082.86

Urbana w. along rd. 10 mi., thence n. to 2.8 mi. s. w. of Springhills

Urbana, +ing of Ohio Electric and Penn. Rys.; top of s. e. cor. of +ing	1039.04
Urbana, soldiers' monument in center of public square, n. end of stone curbing around monument; chiseled square	1054.00

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Urbana, Main St. crossing Big Four Ry.; top of w. rail 1026.5

Urbana, Main St. crossing Erie Ry.; top of w. rail 1024.1

Urbana, Main St. crossing Pennsylvania Ry.; top of e. rail 1025.4

Urbana, 0.9 mi. w. of, in n. w. cor. of +rds., on concrete curb.; chiseled sq.. 1027.54

Urbana, 1.8 mi. s. w. of, on Westville pike, in s. w. cor. of crossroads, in base of telephone pole; spike 1000.24

Urbana, 2.6 mi. w. of, on Westville pike, n. w. cor. of +rds., on w. bank of Mad River, 180 ft. w. of brg. over Mad River; **Iron post** stamped "997".... **996.851**

Urbana, 3.6 mi. w. of, on Westville pike, s. e. cor. of T rd., in base of teleph. pole; spike 997.37

Westville, (Magrow P. O.), n. e. cor. of W. P. Ferst's store, on concrete walk; chiseled square 1020.08

Westville, 1 mi. w. of, n. w. cor. of T rd. n.; **Iron post** stamped "Prim. Trav. Sta. No. 98—1065" **1065.215**

Westville, 1.2 mi. w. of, n. w. cor. of T rd. s., on stone drain; chiseled square. 1045.00

Westville, 1.2 mi. w. by 1.2 mi. n. w. of, 400 ft. w. of rd. forks, at Nettleton, on w. abut., s. wing wall of steel brg. over Nettle Cr.; chiseled square.... 1053.54

St. Paris, 3.6 mi. e. of, on Urbana pike, 800 ft. e. of T rd. n., n. e. cor. of first step at entrance to Myrtle Tree Baptist Church; chiseled square..... 1132.20

St. Paris, 3.2 mi. e. of, on Urbana pike, 200 ft. w. of T rd. s., on w. abut. at n. end of small wooden bridge; chiseled square. 1189.46

St. Paris, 2.3 mi. e. of, on Urbana pike, 150 ft. e. of steel highway brg. over Penn. Ry. on s. end of stone box culv.; chiseled square 1226.51

St. Paris, 1.5 mi. e. of, on Urbana pike, s. e. cor. of +rds.; **Iron post** stpd. "1225" **1225.356**

St. Paris, 1.5 mi. e. by 1.5 mi. n. of, in s. e. corner of +rds., on concrete base of fence post; chiseled square 1234.44

Millerstown, in n. w. cor. of, +rds., on top of stone; chiseled square..... 1129.28

Millerstown, 0.4 mi. w. of, n. w. cor. of T rd. n.; **Iron post** stamped "1111".... **1111.409**

Millerstown, 0.4 mi. w. by 1.5 mi. n. of, cen. of +rds., on sec. stone; chiseled sq. 1215.91

Rosewood, 2 mi. e. by 1 mi. s. of, in s. e. corner of +rd., on granite boulder; chiseled square 1176.21

Rosewood, 2 mi. e. of, 35 ft. e. by 15 ft. s. of cen. of + rds.; **Iron post** stpd. "1128" **1127.915**

Rosewood, 2 mi. e. by 1 mi. n. of, in s. e. cor. of T rd. s., on boulder; chiseled sq. 1122.42

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2 mi. n. e. of Christiansburg e. along highway to 5 mi. e. of Terre Haute, thence n. to Urbana

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Christiansburg, 2 mi. n. e. by 0.8 mi. e., 50 ft. w. of n. w. corner of T rd. n., on top of 1-ft. stump; copper B. M. nail 1197.58

St. Paris, 3 mi. s. of, n. w. cor. of +rds,, on n. end of culv. under pike; chiseled sq. 1187.84

St. Paris, 3 mi. s. by 0.7 mi. e. of, 50 ft. s. of s. e. corner of T road s., on 3-ft. granite boulder; painted square 1179.09

Thackery, 2 mi. n. w. of, at D. T. & I. Ry. +ing; top of e. rail..... 1154.9

Thackery, 1.7 mi. n. w. by 0.2 mi. w., 150 ft. e. of +rds., on n. e. abut. of small wooden bridge; painted square 1158.11

Thackery, 1.7 mi. n. w. of, s. w. cor. of T rd. s.; **Iron post** stamped "1176".... **1175.530**

Thackery, s. w. cor. of +rds., on e. end of concrete hitching rack; chiseled sq. 1119.23

Terre Haute, 0.4 mi. w. by 0.3 mi. n. of, s. w. cor. of T rd. w., on highest pt. of 3-ft. granite boulder; painted square..... 1115.64

Terre Haute, n. w. cor. of crossroads; **Iron post** stamped "1083"..... **1082.140**

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	Feet
Terre Haute, 0.9 mi. e. of, 100 ft. n. of T rd. n. e., on highest pt., on e. end of stone culvert; painted square	1057.44
Terre Haute, 1.5 mi. e. of, 60 ft. e. of T rd. e., on s. w. cor. of culv. chiseled sq.	1055.09
Terre Haute, 3.1 mi. e. of, n. w. cor. of +rds., on n. w. abut. of small wooden bridge over ditch; chiseled square	984.77
Terre Haute, 3.5 mi. e. of, s. w. cor. of T rd. w., in base of cor. fence post; spike	973.49
Urbana, 4.6 mi. s. by 1.8 mi. w. of, on e. side of rd. at T road w., 60 ft. e. of iron brg. over Bogles Run; **iron post** stamped "967"	**965.830**
Urbana, 4.6 mi. s. by 0.9 mi. w. of, in base of tel. pole at s. w. cor. of T rd. s.; spike	969.48
Urbana, 4.6 mi. s. of, at Big Four Ry. crossing; top of e. rail	975.7
Urbana, 4.6 mi. s. of; top of e. rail of Ohio Electric Ry	977.8
Urbana, 4.6 mi. s. of, at Dallas rds., s. w. cor. of culv. under pike; chiseled sq.	977.31
Urbana, 3 mi. s. of, n. e. cor. of + rds., 100 ft. e. of O. E. Ry.; **iron post** stpd. "1070"	**1069.235**
Urbana, 2.3 mi. s. of, 300 ft. n. of T rd. e., on w. end of limestone culv. under pike; chiseled square	1043.68
Urbana, 1.8 mi. s. of, s. e. cor. of T rd. e., in base of w. side of teleph. pole; spike	1055.65
Urbana, 1 mi. s. of, 20 ft. w. of Ohio Elec. Ry. at road forks in public sq. on highest point of 1½-ft. granite boulder; painted square	1069.78
4.6 miles s. of Urbana e. 1 mi., thence s. 0.5 mile	
Urbana, 4.6 mi. s. of, 50 ft. w. of n. w. cor. of T rd. w., in top of 12-in. walnut stump; spike	1102.26
Urbana, 5.1 mi. s. of, s. e. cor. of T rd. e., in base of cor. fence post; iron bolt	1095.45

Salineville Quadrangle

Irondale n. w. along Penna. Ry. to Kensington

Irondale, 7.15 mi. n. w. of, railroad bridge No. 41, 50 ft. e. of wagon rd.; 1000 ft. w. of coal tipple, in s. e. abut. of bridge; chiseled circle	847.82
Salineville, in s. e. abut. of iron wagon bridge over n. branch of Yellow Creek, first ridge n. of C. & P. Ry. tracks; chiseled circle	882.96
Salineville, 1 mi. n. of, at high rd. +ing, in stone, top of culv., 30 ft. n. of +ing; chiseled circle marked "935"	934.46
Millport, in n. e. cor. of found. of porch in front of ry. sta., 100 ft. n. w., on C. & P. milepost R 44; chiseled circle	1061.85
Kensington, triangulation station, 1 mi. s. e. of Kensington, in top of marble post; **bronze tablet** stamped "1375 Stbnvl"	**1375.302**
Hanoverton easterly via Dungannon to Lisbon	
Hanoverton, 2 mi. s. e. of, on rd. to Dungannon, in stone 10 ft. e. of porch of house at +rds., 1 mi. n. w. of Dungannon; chiseled circle marked "1136".	1136.22
Dungannon, in front step of St. Phillip's Catholic Church; chiseled circle	1171.29
Dungannon, 2 mi. e. of, on rd. to Lisbon, rd. forks to Guilford, in rock on w. cor. of rd., mailbox of R. McLean; chiseled circle	1075.19
Dungannon, 2 mi. e. of, in second step of Point Pleasant M. E. Church; chiseled sq.	1068.12
Salineville s. via Berea Church to point 2.5 mi. s. of Bergholz	
Salineville, 0.75 mi. w. of Penna. Ry. sta., at cor. of Main St. and Cadiz-Lisbon road, in s. e. cor. curb stone; chiseled circle	904.08

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	Feet
Monroeville, 0.5 mi. s. of, on top of hill, near w. line of sec. 27 at Elder triangulation sta.; **bronze tablet** stamped "1388 Stbnvl"	**1387.432**
Monroeville, 1 mi. s. of, at rd. e., w. side of rd., 300 ft. s. of rd. cor.; on flat rock; chiseled circle	1299.33
Berea Church, on brg. 300 ft. s. of, on n. w. wing wall; chiseled circle	1031.45
Monroeville, 2.8 mi. s. of, w. side of rd.; top of county line monument (Jefferson and Carroll counties)	1204.35
Bergholz, at schoolh., in s. e. cor. of found.; **bronze tablet** stamped "924 Stbnvl"	**924.206**
Bergholz, 0.25 mi. s. of, at iron bridge over Yellow Creek, on n. e. wall of abut.; chiseled circle marked "U. S. B. M. 880"	880.26
Bergholz, 1 mi. s. of, at Morgan brg., forks of rd. to Harlem Springs, 500 ft. e., in n. w. wing wall; chiseled circle marked "U. S. B. M. 888"	887.38

Bergholz w. along rd. to Harlem Springs

Bergholz, 2 mi. w. of, on Bergholz-Harlem rd., 0.5 mi. w. of large brick house, at iron brg., in n. w. wing wall; chiseled circle	918.08
Bergholz, 2.5 mi. w. of, on Bergholz-Harlem rd., 510 ft. e. of brick house at bend of rd., on iron brg., in stone wall; chiseled circle	925.68
Morgan Bridge, 2.9 mi. n. of, at forks of rd. n., on s. w. wing wall of brg. over drain, 400 ft. e. of W. H. Smythe's res.; chiseled circle marked "B. M. 939"	938.27
Morgan Bridge, 3.3 mi. w. of, on iron brg. on rd. fork s., rd. forks n. to Scroggsfield, 400 ft. e.; on n. e. wing wall of bridge	947.21
Morgan Bridge, 4.3 mi. w. of, near forks of rd. n. w. to Carrollton, on iron brg. on Kilgore rd., 500 ft. w. of forks, on s. e. wing wall; chiseled circle	957.33
Bergholz, 4.3 mi. w. of, 500 ft. w. of forks n. w. to Carrollton, iron brg. on rd. to Kilgore, on n. w. wing wall of brg.; **bronze tablet** stamped "958 Stbnvl"	**957.896**
Bergholz, 5 mi. w. of, Harlem Springs, 2 mi. e. of, on cen. fork of rd., 0.5 mi. s. e. of forks, iron brg., on s. w. wall; chiseled circle	996.53
Harlem Springs, 0.1 mi. n. e. of, 300 ft. n. of Bergholz rd., at forks to Scroggsfield, on stone in n. e. wall of wooden brg. on Scroggsfield rd., chiseled circle	993.40
Harlem Springs, 1 mi. n. of, on Bergholz rd. at fork of rd. to Harlem, stone at w. side of rd. in angle, fence post, n. side of rd.; chiseled circle	1021.86
Harlem, 1 mi. n. of, on Carrollton-Bergholz rd., at forks of by-rd., on stake 2.5 by 2 ft., n. w. cor.; chiseled circle	1027.69

Carrollton Triangulation Station e. along rd. via Scroggsfield to Berea Church

Carrollton Signal, 2 mi. e. of, at forks of old by-rd. s. through woods, oak tree s. w. cor. of white house of Kean Mar; spike (not notched)	1233.00
Carrollton Signal, 2.5 mi. e. of, 1 mi. w. of Scroggsfield, on flat table limestone rock, 12 ft. sq., s. side of rd., at lane s.; chiseled circle	1238.06
Carrollton Signal, 2.75 mi. e. of, at Fox-Washington Tp. line, at forks of rd. to n. on line, tree s. side was blazed; spike in root marked "B. M. 1236"	1234.73
Scroggsfield, 1 mi. e. of, on Salineville rd., at + ing of Bergholz-Mechanicstown rd. and L. E. A. & W. Ry., 800 ft. n. of creamery, iron brg. 10 ft. w. of, on s. w. abut.; **bronze tablet** stamped "1025 Steubenville"	**1024.216**
Scroggsfield, 1 mi. e. of, on Salineville rd., on stone wall, s. e. abut. of same bridge as above; chiseled circle	1025.76
Planing Mill, 0.9 mi. e. of, on Bush Creek rd., in s. e. angle of forks, rd. s. to East View and Pine Grove Ridge, in base of tree blazed and marked; spike	1144.41

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Lisbon s. along road via Gavers to Salineville

	Feet
Lisbon, 1.5 mi. s. of, Hippner Hollow rd., rd. fork n. w., on e. side opp. rd. fork, on top of rock; chiseled circle	1016.92
Lisbon, 2 mi. s. of, on e. side of rd. opp. lane w., on boulder; chiseled mark	1115.04
Lisbon, 3.7 mi. s. of, brg. over run, n. w. abut.; chiseled circle	1031.21
Lisbon, 5.9 mi. s. of, rd. w., n. w. abut. of brg.; chiseled circle	984.85
Gavers, 0.5 mi. s. of, rd. forks to w., s. of +rds.; s. w. abut. of iron bridge	985.79
Gavers, 1.8 mi. s. of, Salineville rd. and +rd., s. w. cor. of, on rock; chiseled circle	1174.50
Gavers, 2.5 mi. s. of, Salinevllle rd., n. e. corner of Geo. Patterson's house in foundation; **bronze tablet** stamped "1365 Stbnvl"	**1364.821**

Sandusky Quadrangle

Sand Hill e. to Berlin Heights (double rodded line)

Bloomingville, at s. e. cor. of +rds.; highest point of red granite stone	691.85
Prout station, 500 ft. e. of B. & O. Ry. tracks, in e. wall at n. e. cor. of frame schoolh. (sub. dist. 6); **aluminum tablet** stamped "700 Toledo"	**701.125**
Avery, 0.5 mi. n. of, at Spears corners on w. face of found'n at n. w. cor. of schoolh., about 1 ft. above ground; **bronze tablet** stamped "651 Toledo"	**651.665**
Berlin Heights, 2 mi. w. of, iron brg. over branch of Old Woman Creek, on stone at top of s. e. abut.; **bronze tablet** stamped "608 Toledo"	**608.830**

Berlin Heights n. w. to Shinrock (small circuit via Old Woman Cr.)

Shinrock, n. w. cor. of C. Hoffman's store; **aluminum tablet** stamped "627 Toledo"	**628.194**

Prout station n. through Perkins Twp. to Sandusky

Sandusky, 2 mi. s. of, in watertable at n. w. cor. of schoolh.; **aluminum tablet** stamped "616 Toledo"	**617.581**

At Sandusky

Sandusky, in s. side of Government Bldg., at s. e. corner; **aluminum tablet** stamped "597 Toledo"	**598.561**
Sandusky, n. w. cor. of Water and Wayne Sts., s. e. cor. of Kugel Bldg., occupied by Wells Fargo Express Co., top corner of coping stone at base of column at cor. entrance; **chiseled cross** (Lake Survey Elev. 585.21)	**585.236**
Sandusky, n. w. cor. of Water and Hancock Sts., s. e. cor. of Groch Bldg., top of w. side of coping stone at base of columm, at cor. entrance to coal office; **chiseled cross**	**583.943**
Sandusky; **zero mark** on Lake Erie water gauge, (Lake Erie Survey elev. 572.80; 572.77 is more often used)	**572.705**

Near North Monroeville

North Monroeville, 1.18 mi. w. of, 0.19 mi. w. of T rd. s., at ft. of railing, s. w. cor. of highway brg. over ditch at junc. of concrete retaining wall and brg. seat; chiseled square	730.81
North Monroeville, in e. face of found. at n. e. cor. of large frame schoolh. at +rds. in village; **bronze tablet** stamped "727"	**727.30 7**
North Monroeville, 0.96 mi. s. e. of, T rd. s. w., 50 ft. s. of rd. forks, on w. side of s. rd. at fence line, in root on e. side of 2-ft. maple tree; copper B.M. nail	733.90

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	Feet
North Monroeville, 1.96 mi. s. e. of, n. abut., top e. wing wall of highway brg. over Seymour Creek; chiseled square	727.82
Monroeville, 0.7 mi. n. w. of, T rd. w., s. w. cor. of rd. forks, 12 ft. s. e. of fence cor., 10 ft. n. of 4.5-ft. oak, in root on e. side of 7-in. maple; copper B. M. nail	734.47

Norwalk n. along highway to Avery (mean of two lines)

Norwalk, 1 mi. n. e. of courth., on s. side of Main St., intersec. of Main and Townsend Sts.; chiseled square on large stone	729.67
Norwalk, 1.9 mi. n. e. of courthouse, 100 ft. n. of T rd. w., 300 ft. s. of A. M. Barard's res.; chiseled square on first step to res. on w. side of road	701.10
Milan, 0.8 mi. s. e. of; chiseled square on door step at front entrance of Dist. No. 11 schoolhouse	681.88
Milan, 600 ft. n. w. of Catholic schoolh.; chiseled sq. on sidewalk at n. w. cor. of +rds	668.02
Milan, 0.6 mi. s. of, in s. w. cor. of brg. 700, 1000 ft. s. of Erie-Huron county line; **aluminum tablet** stamped "624 Toledo"	**625.334**
Milan, 0.25 mi. n. of; chiseled sq. on n. abut. w. side of large iron brg. over Huron River	598.57
Avery, 0.7 mi. s. of; rail spike in base of electric pole, first one s. of stop 20	660.58
Avery, 2 ft. s. w. of N. Y. C. & St. L. Ry. and Lake Shore Electric crossing	653.81

Sardinia Quadrangle

Sardinia w. along N. & W. Ry. through Mount Orab to Eastwood, thence s. along highways to Locust Ridge

Sardinia, 0.2 mi. w. of, s. e. cor. of road +ing over N. & W. Ry. and O. & C. River Ry. tracks, 1 ft. from warning post; **iron post** stamped "961"	**961.431**
Sardinia, 0.7 mi. w. of, at road crossing; top of rail	941.80
Sardinia, 1.4 mi. w. of, rail rack at milepost "P-61-C-46," in top of e. post; copper B. M. nail marked "950.6"	950.65
Sardinia, 1.9 mi. w. of, s. w. cor. of rd. +ing, in base of cattle guard; spike marked "951.85"	951.93
Sardinia, 3.1 mi. w. of, s. w. cor. of rd. +ing, in base of cattle guard; spike marked "933.2"	933.24
White Oak, n.e. cor. of +rds.; **iron post** stpd. "Prim. Trav. Sta. No. 92—1909—951"	**950.827**
Mount Orab, 1 mi. e. of, on s. side of road, in base of telephone pole 2664; spike marked "953.15"	953.21
Mount Orab, s. e. cor. of High St. and Broadway, on cor. of concrete sidewalk; painted square marked "942.302"	942.36
Mount Orab, 0.7 mi. s. of, n. e. cor. of T rd. w. and private rd. e., in base of telephone pole; spike marked "940.2"	940.25
Mount Orab, at sta., n. w. cor. of rd. +ing, 15 ft. n. of railroad, 5 ft. w. of sidewalk; **iron post** stamped "921"	**920.792**
Milepost C-40 plus 4850, n. e. cor. of third course above bridge seat course of brg. 2049, w. abut. (no + could be found):	
N. & W. Ry. elevation	**923.902**
U. S. Geological Survey elevation	923.31
Mount Orab, 1 mi. w. of station, s. w. cor. of private rd. +ing, at signpost "Station 1 mi.," in base of gate post; bolt marked "947.6"	947.64

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	Feet
Mount Orab, 1.25 mi. w. of, n. w. cor. of T rd. n., in n. end of wooden culv.; spike head marked "944.9"	944.93
Mount Orab, 2.5 mi. w. of, n. e. cor. of +rds., in base of tel. pole 2814; spike marked "942.184"	942.23
Eastwood, 0.7 mi. s. of, n. w. cor. of +rds.; **iron post** stamped "922"	**922.209**
Eastwood, 2.25 mi. s. by 0.3 mi. w. of, s. w. cor. of +rds., in base of fence post; spike marked "920.5"	920.52
Locust Ridge, 1.5 mi. n. by 0.4 mi. e. of, on s. side of rd. at T rd. n., in base of tel. pole; spike marked "919.9"	919.94

Near Lerado e. along electric railroad to near Fairview

Lerado, 1.2 mi. e. of, at n. e. cor. of +rds., in root of oak tree; copper B. M. nail	939.67
Lerado, 1.8 mi. e. of, at highway and interurban +ing; top of rail	910.3
Fayetteville, 1.7 mi. s. w. of, at highway and interurban +ing, on iron ry. brg. over creek at n. e. cor. of steel work, 1 ft. below top of rail; painted rivet head	897.18
Fayetteville, 0.1 mi. w. of, at highway +ing; top of rail	944.7
Fayetteville, at interurban +ing, w. of sta.; top of rail	924.4
Fayetteville, 45 ft. e. of ry. sta., in grounds of St. Aloysius Academy; **iron post** stamped "Ohio 934"	**933.937**
Fayetteville, 0.5 mi. e. of, T rd. s.; top of rail	960.6
St. Martin sta., at +rds., on n. w. cor. of found. pile; copper B. M. nail	975.00
St. Martin sta., 1 mi. e. of, at T rd. n., in base of n., w. cor. fence post; iron spike	997.24
St. Martin station, 1.8 mi. e. of, at T rd. s., in base of trolley pole marked "Stop 65"; iron ry. spike	1008.25
Dodsonville, 1.6 mi. w. of, at T rd. s., in n. e. cor. of Robb schoolyard, district No. 5; **iron post** stamped "Ohio 1015"	**1014.238**
Dodsonville, at T rd. s., on sawed off teleph. pole; painted square	1001.65
Dodsonville, in cen. of town, on n. e. abut. of steel brg. over small creek, on top stone; chiseled stone	986.08
Dodsonville, at T rd. s., near church, in teleph. pole; spike	1003.58
Dodsonville, 1 mi. e. of, at T rd. s., in s. e. cor. fence post; copper B. M. nail	1018.74
Dodsonville, 1.1 mi. e. of, at T rd. n.; top of rail	1019.1
Allensburg, at T rd. n. near interurban ry. bldg.; top of rail	1031.9
Allensburg, in n. w. cor. of yd. of district No. 1 school; **iron post** stpd. "Ohio 1024"	**1023.906**
Allensburg, 1.1 mi. e. of, at T rd. s., in s. e. cor. post; spike	1036.32

Dodsonville n. along highway to 2.5 mi. n. of Lynchburg

Dodsonville, 0.5 mi. n. of, at T rd. n., on highway brg. over creek, on guard rail; painted square	981.13
Lynchburg, 1.7 mi. s. of, at rd. cor., on stone coping of Stroup school, district No. 4, 3 ft. n. of s. w. cor. of bldg.; chiseled square	1013.86
Lynchburg, 1.5 mi. s. of, at T rd. e., in cor. fence post; iron spike	1002.93
Lynchburg, s. edge of, s. cor. of n. e. abut. of brg. over creek; chiseled sq.	987.61
Lynchburg, in n. cor. of ry. fork, 29 ft. s. of store, 74 ft. n. w. of ry. sta.; **iron post** stamped "Prim. Trav. Sta. No. 94—1909—Ohio—1009"	**1009.194**

Near Marathon e. along highway to 1.5 mi. s. w. of Danville

athon, 2.4 mi. s. e. of, at +rds., in n. e. cor. fence post; iron spike	926.97

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	Feet
Marathon, 3.5 mi. s. e. of, at Hawthorn's Corner +roads, on cement walk by gate in front of res. of Jacob Hawthorn; chiseled square	940.14
Fivemile, 1 mi. n. by 0.5 mi. s. w., at three rds., n. of rd. cor.,2 ft.s. of fence; **iron post** stamped "Ohio 951"	**950.783**
Fivemile, 1 mi. n. of, at+rds., in base of tel. pole n. w. of rd. intersec.; iron spike	962.28
Fivemile, 1 mi. n. by 0.6 mi. e. of, at T rd. s., in cor. fence post; spike	960.42
Fivemile, 1 mi. n. by 1 mi. e. of, at crossrds., s. e. cor. of Gum Corner school, district No. 6, on concrete walk; chiseled square	969.72
Fivemile, 1 mi. n. by 1.5 mi. e. of, at T rd. s. in cor. fence post; iron spike	977.37
Fivemile, 1 mi. n. by 1.9 mi. e. of, at +rds., in cor. fence post; bent iron spike	980.55
Fivemile, 1 mi. n. by 2.2 mi. e. of, at three rds., on top of box culv.; painted sq.	975.22
Pulse, 2 mi. w. of, at s. e. cor. of T rd. s., 20 ft. e. and 10 ft. s. of cor. stone at forks; **iron post** stamped "Prim. Trav. Sta. No. 89,—1909,—Ohio—986".	**985.695**
Pulse, 1.4 mi. w. of, at three rds., n. of rd. intersec., in root of large maple tree; copper B. M. nail	990.98
Pulse, 0.9 mi. w. of, at +rds., on stone in culv.; painted square	984.70
Pulse, 0.2 mi. w. of, at iron brg. over cr., on n. e. abut., on top stone; chiseled sq.	969.00
Pulse, at +rds., 50 ft. e. of P. O., in root of large maple tree; copper B. M. nail	987.71
Pulse, 0.2 mi. e. of, at T rd. s., in cor. fence post; spike	981.30
Pulse, 0.8 mi. e. of, at Chaney school, district No. 2, in s. w. cor. of school yd.; **iron post** stamped "Ohio 994"	**994.080**
Pulse, 1.4 mi. e. of, at T rd. n., on stone culv.; painted square	1020.64
Pricetown, 0.3 mi. w. of, at T rd. s., on top of culv.; painted square	1014.94
Pricetown, at +rds., n. w. cor. of found. stone of brick store of C. E. Barr; chiseled square	1003.35
Pricetown, 0.7 mi. e. of, at T rd. s., on n. e. abut. of culv. on top stone; chiseled square	1009.21
Hollowtown, 1.1 mi. n. of, +rds., in base of oak gatepost n. of rd. w.; copper B. M. nail	1018.46
Hollowtown, 0.4 mi. n. of, at rd. cor., on fence; painted point	1014.85
Hollowtown, opposite T rd. s. e., at s. w. cor. of German Baptist Church yard; **iron post** stamped "Ohio 1030"	**1030.181**
Hollowtown, 0.7 mi. n. e. of, at T rd. e. in cor. fence post; spike	1040.23
Hollowtown, 0.8 mi. n. e. of, at T rd. w. in root of large oak tree; copper B. M. nail	1042.71
Hollowtown, 0.9 mi. n. e. of, at rd. n., on culv.; painted square	1048.38
Danville, about 1.5 mi. s. w. of, at rd. forks with rd. bearing due e., 40 ft. s. w. of n. e. cor., in cen. of rd., on top of boulder; chiseled square	1051.27

Pulse north along highway to Robb school

Pulse, 1.1 mi. n. of, at+rds., in n. e. cor. fence post; iron spike	995.75
Pulse, 1.8 mi. n. of, at 3 rds., in cor. fence post n. w. of rd. cor.; iron spike	986.22
Pulse, 2.5 mi. n. of, at T rd. w., on top of e. end of drain pipe; painted square	994.14
Dodsonville, 2.5 mi. s. w. of, at+rds., in s. w. stone abut. of brg. over creek, on top stone; chiseled square	996.96
Dodsonville, 1.6 mi. w. by 1.9 mi. s. of, at T rd. n., in cor. post; iron spike	1010.86
Dodsonville, 1.6 mi. w. by 0.8 mi. s. of, at T rd. w., in cor. fence post; spike	1017.57

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2 mi. e. of Blowville e. to Buford, thence n.e.to Hollowtown

Crosstown, 0.2 mi. e. of, at +roads, on stone in culv.; painted square	917.31
Crosstown, 0.8 mi e. of, at 3 rds.,n. of rd. cor., by fence cor.; **Iron post** stamped "Ohio 922"	**922.280**
Crosstown, 1.6 mi. e. of, at +rd.,on s. end of stone culv. on top stone; chiseled sq.	913.68
Crosstown, 2.2 mi. e. of, at T rd. n., at brick school, on e. end of wooden culv.; painted square	939.68
Centerville, at +rds., 60 ft. e. of store, on e. end of 12-in. vitrified pipe rd. culv.; chiseled square	947.63
Centerville, 1.2 mi. e. of, at T road s., on stone at corner; painted square	948.28
Greenbush, at +rds., in yd. of Mallott res., in root of poplar tree; copper B. M. nail	947.62
Greenbush, 0.2 mi. e. of, at T road s., in corner fence post; spike	947.96
Greenbush, 0.8 mi. e. of, at T rd. n., at n. e. fence cor.; **Iron post** stpd. "Ohio 952"	**951.747**
Greenbush, 1.2 mi. e. of, at T rd. s., in yard of John Miller, on concrete well curb; chiseled square	950.52
Buford, 3 mi. w. of, at T rd. n., in corner fence post; spike	949.30
Buford, 2.7 mi. w. of, at T rd. s., in yd. of Columbia College Dist. No. 4 school, in root of giant oak; copper B. M. nail	951.08
Buford, 0.6 mi. s. w. of, at Y roads, in s. e. fence corner post; iron spike	955.56
Buford, 0.4 mi. s. w. of, at T rd. s., on stone culvert; painted square	941.91
Buford, on n. w. corner of steel bridge over creek, on plank; painted square	943.50
Buford, in yd. of Buford Special school, 25 ft. w. of town pump; **Iron post** stamped "Ohio 955"	**954.953**
Buford, 0.6 mi. n. e. of, at T rd. n., on e. end of stone culv.; painted square	951.07
Buford, 1.5 mi. n. e. of, at T rd. n., in s. w. cor. of yard of M. E. Purdy, in root of large maple tree; copper B. M. nail	975.66
Buford, 2.1 mi. n. e. of, at T rd. s., in cor. fence post; spike	984.43
Buford, 2.3 mi. n. e. of, at rd. e., in cor. fence post; spike	989.23
Hollowtown, 1 mi. s. w. of, near T rd. w., in root of giant oak, 130 ft. n. e. of rd. cor.; copper B. M. nail	1002.26
Hollowtown, 0.5 mi. s. w. of, at T rd. s. e., on culv. top; painted square	1015.19
Hollowtown, 0.1 mi. s. w. of, at T rd. n. w., in cor. fence post; spike	1028.77

1.2 mi. e. of Greenbush s. along highways to Mt. Orab

Mt. Orab, 1.4 mi. n. of, at T rd. n., in cor. teleph. pole; spike	943.27
Mt. Orab, 1.3 mi. n. of, at +rds., in base of tel. pole n.e. of rd.intersec.; iron spike	939.41
Mt. Orab, 0.7 mi. n. of, at T rd. e., on plank culv.; painted square	919.01
Mt. Orab, 0.2 mi. n. of, on street e., on top of boulder at cor.; painted square	937.89

At Eastwood

Eastwood, 100 ft. s. w. of N. & W. Ry. sta., on w. side of highway, in root of large oak tree; copper B. M. nail	929.21

Taylorsville s. w. along Norfolk & Western Ry. to Sardinia

Mowrystown, 1.33 mi. n. of, at N. & W. Ry. +ing, on e. side of ry., 1 ft. w. of ry. property line, on s. side of public rd., 35 ft. s. e. of cen. of ry. +ing; **Iron post** stamped "1000"	**999.853**

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	Feet
Mowrystown, on s. e. cor. of sta. platform, 18 ft. s. e. of s. e. cor. of N. & W. Ry. sta.; copper B. M. nail painted "987.9"	987.93
Mowrystown, 1.43 mi. s. of, along N. & W. Ry., on w. side of track, on property line, in base of fence post; ry. spike painted "974.3"	974.37
Mowrystown, 1.98 mi. s. of, N. & W. Ry. +ing; top of w. rail painted "962.6"	962.6
Mowrystown, 2.1 mi. s. of, at N. & W. Ry. +ing, on w. side of public rd., 20 ft. n. of cen. of ry. +ing, on n. e. cor. of stone culv. under ry.; chiseled sq. marked "953.2"	953.20
Sardinia, 0.84 mi. n. e. of, at N. & W. Ry. +ing; top of w. rail painted "939.5"	939.6
Sardinia, 0.4 mi. n. e. of ry. sta., at ry. +ing, 20 ft. n. of cen. of +ing, on e. end of stone culvert under ry.; chiseled square marked "961.6"	961.61

Scio Quadrangle

At Jewitt

Jewitt, n. entrance of schoolhouse, e. end of stone step; **bronze tablet** stamped "1009 Steubenville"	**1009.165**

Cadiz n. w. via Smithdale to Station Fifteen Post Office, thence n. e. to Bowerston, thence n. w. to Sherrodsville

Cadiz, 2.4 mi. n. w. of, on n. side of rd., 400 ft. w. of white house to right, on culvert; **chiseled square**	**998.450**
Enfield, 0.7 mi. e. of, n. side of rd. at fork to n., on stone culv.; chiseled sq.	952.68
Cadiz, 4.5 mi. n. w. of, by white house to right, on n. end of culv.; chiseled sq.	958.14
Enfield, 1.8 mi. w. of, John N. Haverfield's brick house, on front doorstep to; **aluminum tablet** stamped "938 Steubenville"	**937.603**
Cadiz, 6.1 mi. n. w. of, at rd. to right, on n. end of culv.; chiseled square	920.30
Cadiz, 6.2 mi. n. w. of, on n. e. abut. of bridge; chiseled square	921.20
Laceyville, 1.5 mi. s. e. of, 600 ft. w. of blacksmith shop, brg. at +rds., on s. e. abutment of; chiseled square	903.61
Laceyville, 0.8 mi. s. e. of, on n. end of small culv.; chiseled square	899.24
Laceyville, 0.5 mi. s. e. of, on n. end of culvert opposite; chiseled square	899.99
Smithdale, 0.8 mi. s. e. of, on e. end of covered brg. at rd. to left near church to right; chiseled square	895.23
Smithdale 0.7 mi. w. of, on s. e. cor. found'n stone of; res. of J. W. McDivitt, **aluminum tablet** stamped "909 Steubenville"	**909.488**
Smithdale 1.3 mi. w. of, on s. e. abut. of stone brg. No. 16; chiseled square.	885.04
Franklin, 0.8 mi. s. e. of, at + rds., on s. e. wing wall of brg.; chiseled square	884.35
Franklin, 0.3 mi. n. w. of, on n. end of stone culvert; chiseled square	887.40
Franklin, 1.1 mi. n. w. of, on rock, n. side of road; chiseled square	887.57
Franklin, Tappan P. O., 2 mi. n. w. of, on n. e. abut. of brg., chiseled square.	872.99
Bowerston, on n. e. coping of P. C. C. & St. L. Ry. brg. No. 84, **aluminum tablet** stamped "943 Steubenville"	**944.162**
Bowerston, 1.5 mi. n. w. of, s. e. side of overhead wagon brg.; bolt	939.43
Bowerston, 1.8 mi. n. of, on s. e. end of brg. 171-A	930.20
Leesville, rd. +ing; top of rail	926.3
Fuller, in front of station; top of rail	920.4

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	Feet
Sherrodsville, on coping stone of s. e. cor. of iron brg. leading from Sherrodsville to sta.; **bronze tablet** stamped "913 Steubenville" (reported defaced) .	**913.321**
Sherrodsville, in front of station; top of rail	915.5
Sherrodsville, 1200 ft. n. of sta., in n. e. cor. of brg. No. 166-A; iron bolt	915.74
Near Smithdale s. through Deersville to Poulston residence (single spur line not checked)	
McDivitt res., 0.4 mi. s. of, on n. w. wing wall of cov. brg.; chiseled square	885.72
McDivitt res., 1 mi. s. of, on n. e. abut. of brg.; chiseled square	897.37
Deersville, on rock, at intersec. of sts., near blacksmith shop; chiseled sq.	1197.81
Deersville; on stone block opposite hotel	1217.33
Deersville, 1.5 mi. s. w. of, in s. e. cor. of found. of res. of J. N. & H. T. Poulston, **aluminum tablet** stamped "1189 Steubenville"	**1189.414**
Conotton n. e. along public roads to Perryville and return	
Perryville (Lamartine P. O.), near n. e. cor. of M. E. Church; on s. found. wall; **aluminum tablet** stamped "1272 Steubenville"	**1272.500**
Tippecanoe n. e. to near Hattonia, thence s. to Minkville	
Clendenning P. O., on e. found. wall of E. D. Clendenning's dwelling; **bronze tablet** stamped "1091 Steubenville"	**1091.242**
Hattonia, 2 mi. s. of, n. side of Brushy Fork, Barretts schoolh., e. end of top step of entrance to; **bronze tablet** stamped "915 Steubenville"	**915.035**

Sciotoville Quadrangle

New Boston along B. & O. Southwestern R. R. to Edmunds switch

New Boston 0.6 mi. e. of, on n. side of ry., in base of teleg. pole No. 51 15; spike	526.98
Sciotoville, 1 mi. w. of, at s. e. cor. of Star Yard's store, opposite Scioto Star Brick Plant, in base of trolley pole; spike	534.12
Sciotoville, concrete curb in front of B. & O. S. W. sta, painted square	545.38
Sciotoville, 30 ft. e. of s. e. cor. of sta. platf., 15 ft. n. of ry.; **iron post** stpd. "545"	**545.394**
Sciotoville, about 360 ft. n. of B. & O. S. W. sta., 30 ft. w. of track; **iron post** stamped "Prim. Trav. Sta. No.—26—548"	**547.899**
Sciotoville, 1 mi. n. e. of, in base of switch stand on e. side of track at s. end of switch; spike head	550.04
Sciotoville, 1.7 mi. n. e. of, trestle No. 403, over creek and private rd.; bolt head painted white in cen. of e. guard rail	542.41
Slocum, concrete curb of sta. platform, w. end of; painted square	539.08
Slocum, 0.8 mi. n. e. of, s. w. cor. of rd. +ing, near tel. pole; **iron post** stpd. "554"	**554.291**
Slocum, 2.5 mi. n. e. of, spike in base of switch stand on e. side of track	602.26
Gepharts, 0.9 mi. s. w. of, trestle No. 387, bolthead in n. end of e. guard rail	629.37
Gepharts, 400 ft. s. w. of, 50 ft. s. of rd.+ing, 60 ft. e. of trestle; **iron post** "671"	**670.806**
Gepharts, 1.1 mi. n. e. of, trestle No. 380 over rd.; bolt head in n. end of e. guard rail	675.55
Scioto Furnace, 10 ft. from n. end of curb. of sta. platform; chiseled sq.	602.98
Scioto Furnace, 0.7 mi. n. e. of, at Edmund switch, trestle 374 over creek and rd., in n. end of e. guard rail; bolthead	605.51

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	Feet
Edmunds, at sign post between switch and main line of B. & O. S. W.Ry.; **iron post** stamped "608"	**607.562**

Near North Portsmouth

Portsmouth, 2.1 mi. n. w. of, N. & W. Ry. trestle approach to brg. over Scioto River, w. abut. at n. end; painted square "532.0"	531.99

Davis, n. e. along rds. via Scioto (Harrisonville) to Massie

Davis, 1.1 mi. s. of, about 5 mi. n. of Portsmouth, w. side of track in s. abut. of brg. over Portsmouth and Columbus rd.; **aluminum tablet** stpd. "559"	**557.869**
Portsmouth, about 5 mi. n. of, on Portsmouth and Columbus rd., T rd. e., s. w. cor. of; spike in base of fence post	560.26
Portsmouth, about 5 mi. n. by 0.6 mi. e. of, w. side of Fort Hill, on stone, n. side of rd.; chisel mark painted "798.1"	797.94
Fort Hill; top of	1069.
Summers School, 300 ft. e. of, T rd. n. w., on Portsmouth and Jackson rd., at cen. of rd. forks, in base of teleg. pole; spike	768.66
Crone, 1.2 mi. s. w. of P. O., on Portsmouth and Jackson rd., at T rd. n. w., 0.25 mi. e. of Long Run M. E. Church and 850 ft. s. of Long Run U. B. Church, n. w. cor. of rd. forks; **iron post** stamped "747"	**747.108**
Crone P. O., 0.3 mi. s. w. of, on Portsmouth and Jackson rd., T road w. up hollow; in base of teleg. pole, in cen. of rd. forks; spike	710 81
Crone, 0.6 mi. n. e. of, T rd. n. w., 50 ft. n. of rd. forks, n. abut., w. side of small wooden brg. over creek; chiseled sq. painted "684.4"	684.31
Harrisonville (Scioto P. O.), 3.1 mi. s. w. of, on Portsmouth and Jackson rd. n. e. cor. of rd. forks, at A. Oertal's farm; **iron post** stamped "685"	**685.150**
Harrisonville (Scioto P. O.), 2.2 mi. s. w. of, on Portsmouth and Jackson rd., T rd. s. at, n. side of rd., in base of teleph. pole; spike	652.69
Harrisonville (Scioto P. O.), 1.1 mi. w. of, where teleph. line crosses rd., s. side of rd.; spike in base of pole	632.39
Harrisonville (Scioto P. O.), rd. forks at w. end of town, on Portsmouth and Jackson rd., n. side of rd.; spike in teleph. pole at base	623.08
Harrisonville (Scioto P. O.), 1.4 mi. n. e. of, n. e. cor. of T rd. n., on top of stone culv.; chiseled mark	621.26
Harrisonville (Scioto P. O.), 2.6 mi. n. e. of, n. side of road at bend s. e., Portsmouth and Jackson rd., 10-in. maple tree; spike	667.63
Harrisonville (Scioto P. O.), 3.8 mi. n. e. of, on Portsmouth and Jackson rd., at s. e. cor. of T rd. s. e., about 0.2 mi. w. of White schoolh. (district 10), Madison Twp.; **iron post** stamped "728"	**727.613**
Harrisonville (Scioto P. O.), 4.8 mi. n. e. of, T rd. s. w., in s. w. cor. of top of stone; chiseled cross	589.90
Harrisonville (Scioto P. O.), 5 mi. n. e. of, Portsmouth and Jackson rd., rd. forks, on small stone in center; chiseled mark	578.48
Harrisonville (Scioto P. O.), 5.8 mi. n. e. of, painted sq. on iron guard at s. e. cor. of small iron brg. over Little Scioto Riv., 1 ft. above floor; painted "587.9"	587.85
Massie, near, 7.4 mi. n. e. of Scioto, 120 ft. n. w. of schoolh. (district 12), in sandstone ledge of hillside; **bronze tablet** stamped "678 I"	**679.856**

Near Lucasville

Davis, 0.09 mi. s. of sta., on s. e. cor. of s. abut. of ry. brg. over highway, in stone; chiseled circular mark	564.7

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Davis sta., 1.1 mi. n. of, bolt head on n. w. cor. of n. abut. of ry. bridge over road	560.45
Lucasville, about 600 ft. n. of N. & W Ry. sta., at cor. of flour mill; **iron post** stamped "Prim. Trav. Sta. No. 28—1904—559"	**558.629**

Scioto Furnace Station via Wait to Sciotoville

Scioto Furnace Sta., on B. & O. S. W. Ry., about 30 ft. e. of ry. brg., on sandstone found'n at s. w. cor. of small wooden highway brg.; chisel mark	593.67
Scioto Furnace Sta., 1900 ft. s. w. of, on side hill in partly wooded lot of Scioto Furnace Co., 125 ft. s. of and 30 ft. higher than rd., in sandstone boulder; **copper bolt** stamped "647 I"	**649.635**
Wait P. O., about 575 ft. e. of, at n. w. cor. of small wooden truss brg. over Wards Run, on sandstone foundation; chisel mark	529.03
Wait P. O., 700 ft. w. of white house on n. of rd., on sandstone found'n at n. e. cor. of small wooden highway bridge; chisel mark	529.39
Sciotoville, front doorway of two-story brick schoolh., in face of stone door sill; **bronze tablet** stamped "546 I"	**548.694**

Sciotoville n. via Harrisonville to Musgrave Hollow bridge

Harrison township, 0.5 mi. s. of top of hill opp. J. Niner's home, in sandstone ledge 8 ft. e. of cen. of rd. (in narrow ravine); **copper bolt** stpd. "788 I"	**789.945**
Harrisonville, 0.5 mi. s. of, at s. w. cor. of covered truss brg. over Longs Run, on sandstone boulder; chisel mark	622 22
Harrisonville, (Scioto P. O.), s. w. cor. of Knights of Pythias two-story bldg., in sandstone found. under, w. side of street; **bronze tablet** stamped "654 I"	**656.793**
Scioto P. O., 4.6 mi. n. of, on main pike, Madison township, sec. 8, in sandstone found. under s. w. cor. of Baptist Church; **bronze tablet** stpd. "665 I"	**667.195**
California, (Stockdale P. O.) 0.5 mi. s. of, on sandstone found., at s. w. cor. of small wooden brg., 2.5 ft. lower than brg.; chisel mark	685.04
Intersection of Koger Hollow rd., 50 ft. n. of, on sandstone found., at n. e. cor. of small wooden highway bridge; chisel mark	705.96
Musgrave Hollow brg. (small wooden highway), on sandstone found. at s. w. cor. of, white house 200 ft. s. w.; chisel mark	704.14

California (Stockdale P. O.) east to Grahamsville

Stockdale, in front of residence of E. V. Samson, n. side of street, in stone lamp and hitching post; **bronze tablet** stamped "732 I"	**734.020**
California Beaver Church, on cor. where rd. turns n., on w. end of top step in front of w. door of two front doors; chisel mark	754.82
California, 3.5 mi. e. of, on sandstone abut., at n. w. cor. of covered truss brg. over creek; chisel mark	628.46
Stockdale, 5.25 mi. e. of, on rd. to Grahamsville, 375 ft. w. of rd. +ing and small brg. over stream, Scioto township, 7 ft. n. of cen. of rd., in sloping face of sandstone ledge; **bronze tablet** stamped "642 I"	**643.991**

Chillicothe s. via N. & W. Ry. to Portsmouth (portion of precise line)

Clifford, 3.22 mi. s. of, n. w. cor. of ry. bridge over highway, top of abutment; **aluminum tablet** stamped "554"	**554.068**
Lucasville, in front of station; top of rail	554.9
Lucasville, 2.82 mi. s. of, ry. brg. over rd., s. e. cor. of s. abut.; **aluminum tablet** stamped "559"	**558.757**
Davis, in front of station; top of rail	566.9

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Davis, 1.1 mi. s. of, brg. over rd., s. abut., s. w. cor.; **aluminum tablet** stpd. "558"	**557.869**
Davis, 1.96 mi. s. of, stone culv. e. side of ry.; chiseled square	550.68
Davis, 4.0 mi. s. of, stone arch brg. over creek, top of s. w. cor.; **aluminum tablet stamped** "534"	**533.724**
Vera station, in front of; top of rail	538.4

Seaman Quadrangle

Mayhill via Unity to West Union and Beasleys Fork

Tranquility, 2.4 mi. n. of, s. end of stone culv. at rd. +ing; chisel mark	914.37
Tranquility, w. end of culv., about 50 ft. n. of store; **iron post** stamped "770"	**770.218**
Tranquility, 1.8 mi. s. of, in cen. of rd. at **T** rd., on limestone; chisel circle	817.34
Lawshe, 3.1 mi. w. of, rd. +ing under N. & W. Ry., 50 ft. s. of ry. and 10 ft. w. of rd.; **iron post** stamped "672"	**671.689**
Lawshe, 2.9 mi. w. of, brg. 2038, at milepost P 42-C 65, s. end of w. abut., 2½ ft. below track; chiseled sq. (N. & W. B. M.)	671.65
Unity, n. e. cor. of +rds., 30 ft. n. e. of cen. of+rds.; **iron post** stamped "958"	**958.684**
West Union, 3 mi. n. w. of, on Unity pike, 30 ft. n. e. of cen. of road forks; **iron post** stamped "836"	**836.171**
West Union, s. e. cor. of Main St. (Wamsley pike) and East St. (Wrightsville pike); **iron post** stamped "956"	**956.505**
West Union, 2.4 mi. s. of, on Wrightsville rd., 30 ft. s. of small iron brg. over Beasleys Fork, s. e. cor. of rd. forks, 1 ft. from retaining wall, at **T** rd. e.; **iron post** stamped "Prim. Trav. Sta. No. 14—1910—648"	**648.878**

Emerald s. to Decatur and Maddox, thence n. e. to West Union

Emerald, 0.6 mi. e. of, e. of highway where rd. turns squarely to n.; **iron post** stamped "Prim. Trav. Sta. No. 85—977"	**976.950**
Emerald, 2.5 mi. s. w. of, in middle of highway at rd. +ing, about 0.25 mi. s. of Wilson school bl'dg, on limestone rock; chisel mark (circle)	1023.11
Emerald, 4.2 mi. s. w. of, at **T** rd., n. of highway in front of Louis Julia's res.; spike in root of wild cherry tree	1021.55
Emerald, 5.7 mi. s. w. of, 20 ft. n. of N. & W. Ry. track and 15 ft. w. of highway at railroad +ing; **iron post** stamped "1054"	**1054.032**
Emerald, 7.3 mi. s. w. of, at **T** rd., in front of J. L. Watson's res., about 3 mi. n. e. of Carlisle, on limestone rock near mail box; chiseled circular mark	975.70
Emerald, 7.8 mi. s. w. of, at **T** rd., at base of small white oak tree standing in middle of rd. forks near old cemetery, on rock; chiseled circle	1017.84
Emerald, 12.5 mi. s. of, on w. side of pike at **Y** rd., about 0.25 mi. n. of Baird school, on limestone rock; chiseled circular mark	912.87
Emerald, 13 mi. s. of, at Baird school about 2.5 mi. e. of Russellville, in cor. of schoolh. lot; **iron post** stamped "Prim. Trav. Sta. No. 22—947"	**946.984**
Decatur, 4.2 mi. n. w. of, 2 mi. e. of Russellville, in coping at n. e. corner of cov. brg. over West Fork Eagle Creek; bolt head	814.22
Decatur, at st. +ing, in middle of village; **iron post** stamped "924"	**924.320**
Decatur, 1.7 mi. s. of, on Decatur and Aberdeen pike, in coping at n. w. cor. of cov. brg. over Eagle Creek, at rd. forks w. of old mill; bolthead	653.38
Maddox (Clayton), 1.4 mi. n. of, e. end of stone culv. near rd. forks at Suck Run school building; chiseled circular mark	731.79

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Point w. of Winchester e. along N. & W. Ry. to Seaman, thence along rd. s. w. to Eckmansville, thence s. e. to near Bentonville

	Feet
Winchester, 2.06 mi. w. of, on N. & W. Ry., 100 ft. e. of milepost marked P 52 C 55, 20 ft. n. of ry., 25 ft. w. of highway, at ry. +ing, in base of teleg. pole; sixty penny spike 3 in. above the ground, "1020" painted on teleg. pole...	1019.94
Adams and Brown county line, N. & W. Ry.; top of rail painted "1005"	1005.0
Winchester, 1.04 mi w. of, on N. & W. Ry., 200 ft. e. of milepost marked P 51 C 56, 20 ft. n. of ry., 30 ft. w. of public rd., at ry. +ing, in base of teleg. pole; rail spike 2 in. above ground, "1003" painted on telegraph pole	1003.09
Winchester, 150 ft. w. of sta., 15 ft. s. of N. & W. Ry., 55. ft. w. of pike, at ry. +ing, 2 ft. s. of tel. pole; **iron post** stamped "976 Ohio "painted on tel. pole	**975.904**
Winchester, 0.93 mi. e. of, 20 ft. n. of ry., 20 ft. e. of private+ing, 10 ft. n. of milepost mkd. P 49 C 58, in base of teleg. pole; **rail spike** "932" painted on pole	**932.137**
Winchester, 2.05 mi. e. of, 275 ft. n. of N. & W. Ry., at s. e. cor. of F. G. West's garden, 1 ft. s. of fence; **iron post** stpd. "922 Ohio" painted on tel. pole.....	**922.361**
Scott and Winchester township line +ing on N. & W. Ry.; top of rail.....	937.7
Seaman, 1.66 mi. w. of, on N. & W. Ry., 300 ft. e. of milepost marked P 47 C 60, on top of e. end of s. abut. of stone box culv.: chiseled sq. "937" painted on culv.	937.18
Seaman, 0.72 mi. w. of, on N. & W. Ry., 100 ft. e. of milepost marked P 45 C 61, in base of teleg. pole; rail spike "939" painted on teleg. pole	939.45
Seaman, 95 ft. w. of sta., 20 ft. s. of ry., 30 ft. w. of public rd., at ry. +ing, 2 ft. w. of teleg. pole; **iron post** stamped "899 Ohio"	**899.072**
Seaman, 1 mi. s. of, 120 ft. s. of Scott and Wayne township line, on e. side of rd., in cultivated field, 1 ft. e. of fence line, in root of 18-in. hickory tree; copper B. M. nail, "896" painted on tree	896.47
Seaman, 1.46 mi. s. of, at Youngsville, 40 ft. n. of Youngsville Church, in forks of Y rds., in foot of maple tree; copper B. M. nail "885" painted on tree ..	884.64
Seaman, 2.06 mi. s. of, on s. side of Unity pike, 2.5 ft. n. of fence line opp. T road n., 8 ft. w. of blacksmith shop; **iron post** stpd. "830" Ohio painted on blacksmith shop.....	**830.266**
Graces Run, covered bridge; floor marked "807".....	806.6
Surface of water under above bridge May 13, 1915.....	791.00
Seaman, 3.05 mi. s. of, 70 ft. s. of s. e. cor. of Sunnyside schoolh. yd. on e. side of rd., on large flat limestone rock; chiseled sq., "895" painted on fence near	895.05
Seaman, 4.08 mi. s. w. of, on pike, on large wheel rock at n. w. cor. of walk leading to Frank Baird's res.; chiseled sq., "940" painted on fence 30 ft. n.	940.47
North Liberty (Cherry Fork P. O.), in s. part of town, 100 ft. s. of brg. over Cherry Fork Creek, in forks of rd., 2 ft. s. of tel. pole; **iron post** stamped "861 Ohio", "861" painted on teleph. pole	**860.528**
North Liberty, 1.27 mi. s. w. of, on Eckmansville-North Liberty pike, 250 ft. e. of Mrs. David Swaringen's res., at n. e. cor. of small wooden brg., on abut.; chiseled sq., "910" painted on bridge.....	909.72
Eckmansville, in w. part of town, near n. w. cor. of T rd. w., just s. of gate to W. C. Morrison's yd., 35 ft. n. by 25 ft. w. of cen. of T rd.; **iron post** stamped "Prim. Trav. Sta. No. 21—Ohio—1910—1004" painted on fence near.....	**1003.684**
Eckmansville, 0.88 mi. s. of, 300 ft. s. of James Shell's res., on e. side of rd., on fence line, in root of 27-in. white oak tree; copper B. M. nail and washer, "972" painted on post 12 ft. north	971.57
Eckmansville, 1.63 mi. s. of, on w. side of rd., on fence line, 150 ft n. of W. P. Ebright's res., in root of 30-in walnut tree, copper B. M. nail "592" painted on fence 4 ft. w.....	952.24

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	Feet
Eckmansville, 2.7 mi. s. of, 10 ft. s. of s. w. cor. at T rd. w., 1 ft. e. of fence in public rd., 150 ft. s. of E. R. Jordan's mail box; **Iron post** stamped "922 Ohio" painted on corner fence post	**922.485**
Eckmansville, 3.55 mi. s. of, in locust stump 4 ft. high, at e. end of foot brg. over Gordon's Run; copper B. M. nail, "824" painted on post 3 ft. south	823.81
Eckmansville 4.35 mi. s. of, on Cincinnati pike, at n. w. cor. of T road n. in base of cor. fence post 6 in. above ground; rail spike, "915" painted on post	914.64
Eckmansville, 5 mi. s. e. of, on Cincinnati pike, s. w. cor. of +rds., 500 ft. s. to J. C. McGovney's res.; **Iron post** stpd. "954 Ohio" painted on tel. pole 4 ft. e.	**953.959**
North Liberty, 6 mi. s. e. of, 20 ft. n. of n. e. cor. of Adams county and Manchester pike +ing, at s. w. cor. of concrete walk leading to East Liberty M. E. Church; chiseled square "912" painted on fence opposite	911.95
North Liberty, 7 mi. s. of, at n. w. cor. of +rds., on Adams county pike, 1200 ft. s. e. to J. B. McClanahan's res. on hill, 1260 ft. n. of brg. over Eagle Cr.; **Iron post** stamped "805 Ohio" painted on fence	**805.447**
Eagle Creek; floor of bridge over	796.8
Eagle Creek; surface of water May 18, 1915	784.
Bentonville, 2 mi. n. e. of, 20 ft. s. w. of s. w. cor. of Adams county pike and Manchester rd. +ing, in root of 24-in elm tree in open pasture field; copper B. M. nail "862" painted on tree	861.82
Bentonville, 1.3 mi. n. e. of, 200 ft. e. of Riffle's res., North Liberty pike, at base of tel. pole, on rock; chiseled circular mark "882" painted on tel. pole	882.13

Shauck Quadrangle

2 mi. e. of Galion s. along rd. to 3 mi. s. e. of Williamsport

Galion, 2 mi. e. by 0.5 mi. s. of, at s. w. cor. of T rd.; **Iron post** stamped "1181"	**1181.021**
Galion, 2 mi. e. by 1.5 mi. s. of, n. e. cor. of +rds.; spike in tel. pole mkd. "1196.1"	1194.90
Galion, 2 mi. e. by 3 mi. s. of, at n. e. cor. of +rds.; **Iron post** stamped "1255"	1254.915
Galion, 2 mi. e. by 4 mi. s. of, s. w. cor. of T rd.; spike in tel. pole, mkd. "1280.8"	1279.59
St. James, 4.5 mi. e. by 0.5 mi. s. of, at n. w. cor. of +rds.; **Iron post** stpd. "1323"	**1322.785**
Whetstone, 2 mi. e. of, at cen. of +rds.; point on boulder, marked "1349.6"	1348.36
Whetstone, 2 mi. e. by 1 mi. s. of, at n. w. cor. of +rds.; **Iron post** stpd. "1379" Prim. Trav. Sta. No. 54,—1910—Ohio"	**1378.417**
Williamsport, 2 mi. n. by 1 mi. w. of, n. w. cor. of +rds.; **Iron post** stpd. "1352"	**1351.261**
Williamsport, 1.5 mi. n. by 1 mi. w. of, at s. end of T rd.; spike in fence post, marked "1315.9"	1314.67
Williamsport, at n. w. cor. of +rds.; **Iron post** stamped "1374"	**1372.930**
Williamsport, 1.5 mi. s. by 0.25 mi. w. of, at n. e. cor. of +rds.; spike in teleph. pole, marked "1348.5"	1347.21
Williamsport, 2.5 mi. s. by 0.5 mi. w. of, at n. e. cor. of +rds.; spike in teleph. pole, marked "1314.8"	1313.49

Mansfield s. w. along highways to 4 mi. s. e. of Galion

Mansfield, 1 mi. w. of, 300 ft. e. of church, s. w. cor. of +rds.; spike in base of telephone pole, painted "1283.4"	1283.31
Mansfield, 1.7 mi. w. of, s. e. cor. of +rds.; spike in base of post, painted "1361.0"	1360.96
Mansfield, 2.2 mi. w. of, n. w. cor. of +rds.; spike in tel. pole, painted "1399.7"	1399.69
Mansfield, 3 mi. s. w. of, s. e. cor. of +rds.; spike in fence post, painted "1412.1"	1412.10

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	Feet
Alta station, 4.1 mi. s. w. of Mansfield, 300 ft. e. of +rds., 50 ft. e. of B. & O. Ry.; **iron post** stamped "1287"	**1286.667**
Mansfield, 4.3 mi. s. w. of, s. side of rd. at fork of rd.; spike in base of teleg. pole, painted "1377.0"	1376.99
Mansfield, 5.1 mi. s. w. of, s. e. cor. of +rds.; spike in tel. pole, painted "1478.8"	1478.78
Mansfield, 5.8 mi. s. w. of, on stone in middle of rd. s. at +rd.; chiseled sq. marked "1477.9"	1477.90
Mansfield, 6.7 mi. s. w. of, n. w. cor. of +rds.; spike in tel. pole, mkd. "1417.8"	1417.84
Mansfield, 7.2 mi. s. w. of, n. e. cor. of T rd. n., 120 ft. e. of rd n.; chiseled sq. on n. side of bridge, marked "1302.8"	1302.84
Mansfield, 7.8 mi. s. w. of, n. w. cor. of +rds.; **iron post** stamped "1229"	**1229.188**
Mansfield, 9.1 mi. s. w. of, w. side of T rd.; chiseled sq. on w. wing of w. side of abut. of bridge, painted "1201.6"	1201.58
Mansfield, 9.4 mi. s. w. of, n. w. cor. of T rd. n.; spike in tel. pole, mkd. "1216,0"	1215.98
Mansfield, 9.8 mi. s. w. of, n. w. cor. of +rds.; spike in tel. pole; mkd. "1226.0"	1226.04
Mansfield, 11 mi. s. w. of, s. w. of +rds.; **iron post** stamped "1250"	**1250.075**
Mansfield, 11.4 mi. s. w. of, cor. of T rd. s.; spike in tel. pole, painted "1247.2"	1247.25
Mansfield, 12.6 mi. s. w. of, s. e. cor. of +rd.; spike in tel. pole, marked "1303.4"	1303.47

Bellville n. along Baltimore & Ohio Ry. to Alta

Bellville, 100 ft. w. of front entrance to school bldg.; **iron post** stpd. "1144 Ohio"	**1144.493**
Bellville, 1.6 mi. n. w. of, s. e. cor. of ry. +ing; spike in base of teleph. pole	1151.26
Bellville, 1.8 mi. n. w. of, n. e. cor. of ry. +ing; spike in tel. pole, mkd. "1146.5"	1146.23
Bellville, 2.25 mi. n. w. of, s. e. cor. of ry. +ing; spike in base of teleph. pole, painted "1149.2	1148.99
Bellville, 3.7 mi. n. w. of, s. e. cor. of ry. +ing; **iron post** stamped "1154"	**1153.724**
Lexington, n. w. cor. of ry. +ing; opposite cor. from sta.; **iron post** stpd. "1180"	**1179.914**
Lexington, 1.2 mi. n. of, n. e. cor. of ry. +ing; spike in base of teleph. pole, painted "1197.5"	1197.24
Lexington, 1.9 mi. n. of, s. e. cor. of ry. +ing, spike in base of teleph. pole, marked "1236.2"	1235.97
Lexington, 1.4 mi. n. of, s. e. cor. of ry. +ing; spike in base of teleph. pole, painted "1208.9"	1208.60
Lexington, 2.1 mi. n. of, at n. e. cor. of ry. +ing; spike in base of fence post, painted "1240.8"	1240.60
Lexington, 2.6 mi. n. of, w. side of rd., e. side of ry.; spike in base of teleph. pole, marked "1280.3"	1280.03

Point near Ankenytown to point near Fredericktown

Ankenytown, 1.2 mi. s. w. of, at first ry. +ing, on w. side of track, 25 ft. s. of cen. of public rd.; **iron post** stamped "1157 Ohio"	**1156.450**
Fredericktown, 1.7 mi. n. of, 12 ft. e. of ry., on w. side of stone pier for overhead brg. 576; chiseled sq.	1112.78

Bellville w. along highway to 2 mi. s. e. of Whetstone

Bellville, 25 ft. n. w. ot n. end of sta. platform, on e. abut. on s. side of brg. over Clear Fork; chiseled sq., marked "1126.3"	1126.12
Bellville, 0.8 mi. w. of, at Y rd.; spike in sign post, painted "T. B. M. 1129.07"	1128.82

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	Feet
Bellville, 1.25 mi. w. of, at n. w. cor. of +rds.; spike in base of teleph. pole painted "T. B. M. 1133.57"	1133.33
Bellville, 2.3 mi. w. of, on s. e. cor. of e. abut. of brg. over Cedar Fork; chiseled sq., painted "T. B. M. 1140.7"	1140.50
Bellville, 3.7 mi. w. of, at s. w. cor. of T rd. s.; spike in base of teleph. pole, painted "T. B. M. 1174.07"	1173.85
Bellville, 4.5 mi. w. of, at n. w. cor. of +rds.; **iron post** stamped "1177 Ohio"	**1176.687**
Bellville, 5.9 mi. w. of, at s. e. cor. of +rds.; spike in base of elm tree, painted "T. B. M. 1202.6"	1202.40
Bellville, 6.6 mi. w. of, at +rds., on n. w. cor. of n. abut. of brg. over Cedar Fork; chiseled sq., painted "T. B. M. 1209.16"	1208.96
Johnsville, 1.1 mi. n. e. of, at n. e. cor. of +rds., near entrance to cemetery, 200 ft. e. of church; **iron post** stamped "Prim. Trav. Sta. No. 55—1910—1256".	**1255.904**
Johnsville, at n. e. cor. of square; **iron post** stamped "1354 Ohio"	**1353.716**
Johnsville, 1.1 mi. w. of, at s. w. cor. of T rd. s.; spike in base of teleph. pole painted "T. B. M. 1367.7"	1367.54
Johnsville, 1.5 mi. w. of, at s. w. cor. of +rds.; spike in base of teleph. pole, painted "T. B. M. 1395.9"	1395.77
Johnsville, 2.4 mi. w. of, at s. w. cor. of +rds.; spike in base of corner post, painted "T. B. M. 1405.2"	1404.99
Johnsville, 3.4 mi. w. of, at s. e. cor. of +rds.; spike in base of teleph. pole, painted "T. B. M. 1382.9"	1382.72

Johnsville s. along highway to Miller schoolh., thence e. along highway to Ankenytown

Johnsville, 1.1 mi. s. of, n. w. cor. of w. abut. of brg. over branch of Cedar Fork; chiseled sq. painted "T. B. M. 1313.0"	1312.91
Johnsville, 1.4 mi. s. of, at s. w. cor. of +rds.; spike in base of teleph. pole, painted "T. B. M. 1341.84"	1341.67
North Woodbury, T rd. w.; spike in base of tel. pole, painted. "T. B. M. 1375.9"	1375.75
North Woodbury, 0.6 mi. s. of, at head of T road w.; spike in base of teleph. pole, painted "T. B. M. 1413.2"	1413.08
North Woodbury, 1.5 mi. s. of, at s. e. corner of +rds., 150 ft. w. of Miller schoolh.; **iron post** stamped "1342 Ohio"	**1341.443**
North Woodbury, 1.5 mi. s. by 1 mi. e. of, at n. e. cor. of +rds.; spike in base of fence post, painted "T. B. M. 1354.2"	1354.04
North Woodbury, 1.5 mi. s. by 1.8 mi. e. of, at n. e. corner of +rds.; spike in base of teleph. pole, painted "T. B. M. 1305.4"	1305.25
Darlington, 1.8 mi. s. of, at n. w. cor. of T rd. w.; spike in base of teleph. pole, painted "1234.0"	1233.89
Darlington, 2 mi. s. of, 2 mi. w. by 0.5 mi. s. of Bangorville, at s. e. cor. of +rds.; **iron post** stamped "1214 Ohio"	**1213.728**
Bangorville, 1 mi. w. by 0.5 mi. s. of, at n. w. cor. of +rds.; spike in base of teleph. pole, painted "T. B. M. 1304.6"	1304.49
Bangorville, 0.5 mi. s. of, at n. w. cor. of T rd. w.; in end of culvert, copper nail painted "T. B. M. 1295.3"	1295.21
Bangorville, at n. e. cor. of T rd. e.; spike in base of teleph. pole, painted "T. B. M. 1372.12"	1372.01
Bangorville, 1 mi. e. of, at s. e. cor. of crossrds.; spike in base of fence post, painted "T. B. M. 1307.4"	1307.25

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	Feet
Bangorville, 1.7 mi. e. of, 1.5 mi. n. of Palmyra, at s. e. cor. of crossrds.; **Iron post** stamped "1239 Ohio"	**1238.891**
Ankenytown, 1.8 mi. n. of, at s. w. cor. of T rd. w.; spike in base of telephone pole, painted "T. B. M. 1217.07"	1216.98
Ankenytown, 1.2 mi. n. of, at Richland-Knox county line rd. at s. w. cor. of +rds.; spike in base of telephone pole, painted "1187.5"	1187.36
Ankenytown, at w. end of sta. platform, on retaining curb wall; chiseled sq.	1127.25
1.5 mi. s. of North Woodbury s. to 3.9 mi. w. of Batemantown	
North Woodbury, 3 mi. s. of, at brg. over North Branch Kokosing Riv., on s. e. cor. of s. abut. of brg.; chiseled sq., painted "T. B. M. 1215.9"	1215.84
North Woodbury, 4 mi. s. of, at n. w. cor. of +rds.; spike in base of teleph. pole, painted "T. B. M. 1382.8"	1382.74
Ankenytown w. along highways to 8 mi. w. of Batemantown	
Ankenytown, 1.1 mi. w. of, s. w. cor. of +rds; spike in cor. post, painted "1165.9"	1165.64
Ankenytown, 2.2 mi. w. of, at s. e. cor. of +rds.; spike in base of teleph. pole, painted "T. B. M. 1187.5"	1187.29
Ankenytown, 2.8 mi. w. of, at n. w. cor. of + rds.; **Iron post** stamped "1217 Ohio"	**1216.573**
Batemantown, at s. e. cor. of + rds.; spike in base of tel. pole, painted "1153.8"	1153.65
Batemantown, 1 mi. w. of, at n.e. cor. of T rd. n.; **Iron post** stamped "1189 Ohio"	**1189.097**
Batemantown, 1.7 mi. w. of, at s. w. cor. of T rd. s.; spike in base of teleph. pole, painted "1247.2"	1247.00
Batemantown, 2.1 mi. w. of, 100 ft. e. of T rd. s.; spike in base of teleph. pole, painted "1272.6"	1272.42
Batemantown, 3.9 mi. w. of, at n. w. cor. of + rds.; **Iron post** stamped "1250"	**1250.177**
Batemantown, 4.9 mi. w. of, at s. w. cor. of +roads; spike in base of teleph. pole painted "1273.8"	1273.67
Batemantown, 6.2 mi. w. of, 2 mi. s. of Pulaskiville, at n. w. cor. of +roads; spike in base of telephone pole, painted "T. B. M. 1299.6"	1299.54
4.5 mi. e. by 1 mi. s. of Mount Gilead s. w. to 3 mi. n. of Penlan	
Mount Gilead, 4.5 mi. e. by 1 mi. s. of, at s. w. cor. of +rds.; spike in teleph. pole, marked "1278.6"	1277.28
Mount Gilead, 4 mi. e. by 2 mi. s. of, at n. w. cor. of +rds.; **Iron post** stpd. "1211"	**1211.130**
Mount Gilead, 4 mi. e. by 3 mi. s. of, at n. w. cor. of +roads; spike in fence post, marked "1168.4"	1167.10

Siam Quadrangle

Near Carrothers n. w. along Penna. Ry. to near Bloomville

Carrothers, 1.1 mi. n. w. of, n. e. cor. of road +ing; spike in base of teleph. pole, marked "961.8"	961.18
St. Stephens, 0.5 mi. s. e. of, s. w. cor. of private rd. +ing; spike in base of telephone pole marked "957.4"	956.8
St. Stephens, 425 ft. n. w. of sta., n. e. cor. of +ing; **Iron post** stamped "948".	**947.143**
St. Stephens, 1.25 mi. n. w. of, n. w. cor. of rd.+ing; spike in base of teleph. pole, marked "948.5"	947.79

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	Feet
Bloomville, 1.3 mi. s. e. of, s. e. cor. of rd. +ing; spike in base of teleph. pole, marked "942.3"	941.63
Bloomville, 0.5 mi. e. of cen. of town, n. e. cor. of rd. +ing; spike in base of telephone pole, marked "930.285" (on Tiffin Quad.)	929.57
Point near Carrothers n. e. along highway to Siam	
Carrothers, 0.7 mi. n. of, s. e. cor. of +rds.; chiseled sq. on s. end of stone drain, marked "964.1"	963.52
Carrothers, 1.8 mi. n. of, s. w. cor. of T rd. w., on stone drain in front of Fred Richard's res.; chiseled sq., marked "950.7"	950.17
Caroline, 1.1 mi. s. of, s. w. cor. of +rds.; spike in tel. pole, marked "940.9"	940.37
Caroline. n. w. cor. of +rds.; **Iron post** stamped "929"	**928.568**
Attica, +rds. in cen. of town, n. w. cor. of, on stone curbing of well at iron pump; chiseled sq. marked "952.5"	951.99
Attica, 1.2 mi. n. of, n. w. cor. of +rds.; spike in tel. pole, marked "966.8"	966.06
2 mi. n. of Auburn n. along rd. to 2 mi. s. e of Flat Rock	
New Pittsburg, 3 mi. w. by 1.5 mi. n. of, on n. end of n. abut. e. wing wall of steel bridge over creek; chiseled sq. marked "927.1"	926.51
Attica, 3.5 mi. s. e. by 1 mi. s., on Seneca-Huron county line rd,. 25 ft n. w. of steel brg. over Honey Creek; **Iron post** stamped "921"	**920.261**
Attica, 3.5 mi. s. e. of, s. e. cor. of T rd. s.; spike in tel. pole, marked "948.2"	947.62
Attica, 4 mi. s. e. of, 425 ft. e. of church at T rd. n., chiseled sq. on top of stone drain across rd.; top of s. end of drain, marked "951.6"	951.05
Chicago Junction, 5 mi. w. of, n. w. cor. of T rd. n.; chiseled sq. on s. w. cor. of stone drain, marked "954.6"	954.05
Chicago Junction, 0.5 mi. n. by 5 mi. w. of, s. w. cor. of T rd. s.; chiseled sq. on e. end of stone drain, marked "932.1"	931.49
Chicago Junction, 5 mi. n. w. of, about 400 ft. e. of milepost C-266, s. e. cor. of rd. +ing; **Iron post** stamped "924"	**923.427**
Centerton, about 3 mi. w. of, 400 ft. s. of +rds., at schoolh.; chiseled sq. on n. w. cor. of concrete bridge, marked "900.7"	900.10
Centerton, about 3 mi. w. by 0.6 mi. n. of, s. e. cor. of steel bridge over Mud Run; chiseled sq. on n. abut, marked "885.2"	884.61
Omar, 1 mi. s. by 3 mi. e. of station, s. side of rd. at T rd. n.; spike in base of telephone pole, marked "890.0"	889.46
Omar, 3 mi. e. of, n. e. cor. of +rds. at schoolh. (Norwich township district No. 2); **Iron post** stamped "870"	**869.214**
Omar, 3 mi. e. by 1 mi. n. of, 600 ft. s. of rd. forks, on n. abut. w. wing wall of small iron bridge across rd.; chiseled square marked "846.1"	845.45
Havana, 3 mi. w. of, n. wall of stone drain at T rd. n.; chiseled sq. on n. w. corner, marked "843.4"	842.82
Weavers Corners, 2.7 mi. s. of, 450 ft. s. of +rds., on n. abut. w. side of iron bridge over creek, n. w. cor. of top course; chiseled square marked "817.6"	817.03
Weavers Corners, 1.5 mi. s. e. of, n. w. cor. of +rds.; **Iron post** stamped "818"	**817.876**
Weavers Corners, 1 mi. n. e. by 0.8 mi. s. on n. abut. w. end small iron bridge over creek; chiseled square marked "804.6"	803.93
Weavers Corners, 1 mi. n. e. of, s. e. cor. of rd. forks; spike in base of teleph. pole marked "804.3"	803.64
Weavers Corners, s. e. cor. of +rds.; spike in base of tel. pole, marked "815.8"	815.15

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	Feet
Weavers Corners, 1.4 mi. n. e. of, 40 ft. w. of St. Paul's Evangelical Lutheran Ch., on e. side of rd., on n. w. cor. of stone step; chiseled sq. marked "805.2"	804.54

Siam n. to point s. w. of Flat Rock

Siam, 0.8 mi. n. of, n. w. cor. of +rds.; **iron post** stamped "938"	**937.834**
Omar, 0.8 mi. s. of, s. w. cor. support of watertank; chiseled square on stone base of support, marked "902.5"	901.95
Omar, on concrete step at s. e. corner of store and ticket office; chiseled sq. marked "904.4"	903.88
Omar, 0.5 mi. w. of, n. w. cor. of T rd. n.; spike in fence post, marked "903.2"	902.67
Omar, 0.5 mi. w. by 1 mi. n. of sta., s. e. cor. of +rds.; **iron post** stpd. "892".	**891.076**
Omar, 0.5 mi. w. by 2 mi. n. of, s. e. cor. of +rds., on n. end of first concrete step to main entrance of Catholic Church; chiseled square marked "878.1"	877.58
Frank, 0.5 mi w. by 2 mi. s. of sta., n. w. cor. of +rds.; spike in base of telephone pole, marked "868.7"	868.10
Frank, 0.5 mi. w. by 1 mi. s. of sta., n. w. cor. of +rds.; spike in base of fence post, marked "852.0"	851.43
Frank, 0.5 mi. w. of sta., s. e. cor. of +rds.; **iron post** stamped "829"	**828.388**

Point near Flat Rock e. to Hunts Corners

Flat Rock, 0.8 mi. s. by 0.5 mi. e. of, 60 ft. w. of S. Leininger's res.; top of bowlder	808.51
Flat Rock, 0.8 mi. s. by 1 mi. e. of, at n. e. cor. of jog rd.; spike in fence post, marked "806.558"	806.77
Flat Rock, 0.8 mi. s. by 1.8 mi. e. of, at s. w. cor. of iron bridge; top of steel plate of brg. seat, marked "795.347"	795.58
Flat Rock, 2.5 mi. e. of; top of e. end of s. I beam of brg. over Megginson Creek, marked "791.037"	791 28
Hunts Corners, at n. e. cor. of +rds.; **iron post** stamped "769"	**769.133**

Point near Flat Rock w. along highway to 5 mi. n. of Republic

Flat Rock, 0.25 mi. n. of, at s. w. cor. of +rds.; spike in teleph. pole	793.05
Flat Rock, 0.8 mi. s. by 0.5 mi. w. of, at s. e. corner of road +ing; **iron post** stamped "800 Ohio"	**799.691**
Flat Rock, 0.8 mi. s. by 1 mi. w. of, at s. e. cor. of +rds.; spike in teleph. pole	800.98
Flat Rock, 1.8 mi. s. by 1 mi. w. of, at s. w. cor. of +rds.; spike in base of fence post, marked "804.516"	804.70
Flat Rock, 1.8 mi. s. by 2 mi. w. of, at n. w. corner of +rds., at n. e. pier of brg.; top of iron plate in brg. seat	802.38
Flat Rock, 3 mi. w. by 1.8 mi. s. of, s. e. cor. of +rds.; **iron post** stpd. "826 Ohio"	**826.526**
Flat Rock, 3.5 mi. w. by 1.8 mi s. of, at s. e. cor. of +rds.: spike in teleph. pole, marked "810.606"	810.79
Flat Rock, 2.25 mi. s. by 4.5 mi. w. of, on Kilbourne rd.; spike in teleph. pole	828.35
West Lodi, 2 mi. n. by 1 mi. w. of; **iron post** stamped "820 Ohio"	**819.754**
West Lodi, 2.5 mi. n. by 1.5 mi. w. of, in s. e. pier of brg. over Noel Ditch; top of bolt	809.39
West Lodi, 2 mi w. by 2.5 mi. n. of, 200 ft. w. of n. w. cor. of +rds.; spike in teleph. pole	821.46
Lowell, 0.5 mi. s. by 2 mi. e. of, at n. w. cor. of small brg.; top of bolt in brg. seat (on Tiffin Quad.)	778.58

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St. Stephens n. along highway to Scipio siding thence e. to C. and G. S. B. M. 2 miles e. of Scipio siding

	Feet
St. Stephens, 1.1 mi. n. of, at n. e. fence cor. of yd. of house, 130 ft. n. of cen. of +rds., on w. side of rd.; copper B. M. nail in top of stump, marked "940.3"	940.32
St. Stephens, 2.1 mi. n. of, n. e. cor. of +rds., copper B. M. nail in root of 8-in. elm tree, marked "932.8"	932.72
St. Stephens, 2.6 mi. n. of, n. w. cor. of n.-s. rd. +ing Tiffin rd., copper B. M. nail in root on e. side of 3-ft. ash tree, marked "929.0"	928.90
St. Stephens, 3.1 mi. n. of, 2.25 mi. s. of Scipio siding, n. e. cor. of crossroads, **iron post** stamped "915"	**915.161**
Scipio siding, 1.25 mi. s. of, in n. e. cor. of schoolh. in s. w. cor. of +rds., near fence corner; chiseled square cut in top of stone, marked "928.4"	928.35
Scipio siding, 0.25 mi. s. of, in cen. of +rds.; chiseled sq. cut in top of corner stone, marked "942.2"	942.06
Scipio siding, 1 mi. e. of, s. e. cor. of +roads, painted sq. on top of s. end of tile drain under road to e., marked "957.9"	957.74

Scipio siding n. along highway to 2 mi. n. by 1 mi. w. of Lodi

Scipio siding, n. e. cor. of +ing, in fence cor. at foot of high teleph. pole, on B. & O. Ry.; **iron post** stamped "940"	**940.052**
Scipio siding, 0.7 mi. n. of, s. e. cor. of +rds.; copper B. M. nail in base of corner fence post	928.25
Scipio siding, 1.7 mi. n. of, 3 mi. e. of Republic, s. w. cor. of +rds.; chiseled sq. in top of stone at w. end of tile drain, in bottom of ditch, mkd. "888.8"	888.68
Scipio siding, 2.7 mi. n. of, s. w. cor. of +rds., copper B. M. nail in top of w. end of plank drain, marked "886.2"	886.09
West Lodi, 1 mi. w. by 1 mi. s. of, 10 ft. e. of cor. fence post, 30 ft. s. e. of center of +rds.; **iron post** stamped "882"	**881.876**
West Lodi, 1 mi. w. by 0.5 mi. s. of, 35 ft. s. e. of cen. of T rd. w.; copper B. M. nail in rd. side of 2½-ft. elm tree, marked "856.2"	856.06
West Lodi, 1 mi. w. of, 50 ft. s. e. of cen. of +rds., copper B. M. nail in root on w. side of 1¾-ft. hickory tree on inside of fence, marked "866.5"	866.47
West Lodi, 0.5 mi. n. by 1 mi. w. of, n. e. cor. of +rds., copper B. M. nail in top of e. end of plank drain, marked "853.1"	853.02
West Lodi, 1 mi. n. by 1 mi. w. of, 175 ft. s. of +rds., chiseled sq. in top of stone of small highway brg., on n. abut., e. wing wall, marked "843.6"	843.50
West Lodi, 1.5 mi. n. by 1 mi. w. of, 0.5 mi. e. of Kilbourne rd., s. e. cor. of T rd. s.; chiseled sq. in stone at foot of cor. fence post, marked "832.7"	832.61

Havana to Centerton

Havana, 0.9 mi. s. of, 700 ft. s. of private +ing; chiseled sq. on w. end of culv.	844.59
Havana, 1.8 mi. s. of, 60 ft. w. of ry. +ing; spike in base of teleph. pole	861.55
Centerton, 1.6 mi. n. of, on s. side of rd., 40 ft. w. of ry. at +ing; iron post "868"	867.271
Centerton, 300 ft. n. of sta., 50′ w. of ry.; highest pt. on e. iron culv. under rd.	884.50

Chicago Junction w. along B. & O. Ry. to 1 mi. w. of Scipio siding (precise line)

Chicago Junction, about 2.5 mi. w. of, on B. & O. Ry. right-of-way, at second teleg. pole w. of milepost 269 (c), on knoll 39 ft. s. of track; **red metal cap on iron post** (C. & G. S. B. M. I5)	**912.595**

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	Feet
Chicago Junction, about 3 mi. w. of, on B. & O. Ry. right-of-way, 3.5 teleg. poles e. of milepost 268, 16 ft. n. of track, in top surface of coping of culv.; **chiseled square** marked "U. S. B. M." (C. & G. S. B. M. J5)	**910.939**
Chicago Junction, about 5 mi. w. of, on B. & O. Ry. right-of-way, 8 telegraph poles e. of milepost 266, in cen. of top surface of gray sandstone coping of culvert; **copper bolt** (C. & G. S. B. M. K5)	**922.188**
Siam, on B. & O. Ry. right-of-way, 246 ft. w. of Penna. Ry. +ing, about 6 ft. s. of track, in cen. of concrete block, about 3 by 4 ft. on top surface, set level with grade; **red metal disk** (C. & G. S. B. M. L5)	**953.179**
Siam, on B. & O. Ry. right-of-way, 1230 ft. w. of Pa. Ry. +ing, about 48′ n. of track, in cor. of fence at rd. +ing; **red cap on iron post** (C. & G. S. B. M. M5)	**955.386**
Siam, 3 mi. w. of, on B. & O. Ry. right-of-way, in n. end of w. abut. of undergrade +ing brg.; **chiseled square** marked "U. S. B. M." (C. & G. S. B. M. N5)	**954.714**
Scipio siding, about 1 mi. w. of, on B. & O. Ry. right-of-way, 3 teleg. poles e. of signboard "1 mi. to Scipio" in cen. of top surface of n. end of concrete culv.; **copper bolt** (C. & G. S. B. M. O5)	**928.730**

Sidney Quadrangle

4.0 mi. e. of New Knoxville s. to Hardin thence to Sidney

New Knoxville, 4.0 mi. e. by 1.0 mi. s. of, at s. w. cor. of +roads, in base of telephone pole; spike	950.69
Botkins, 3 mi. w. of, e. face of s. e. cor. of schoolh. at n. e. cor. of T road n., in stone under window; **aluminum tablet** stamped "965 ADJ 1905"	**964.303**
Botkins, 2.25 mi. w. of, at T road s., in base of telephone pole; spike	979.59
Kettlersville, 1.2 mi. e. by 1 mi. n. of, at s. w. cor. of +rds., in tel. pole; spike	971.42
Kettlersville, 1.1 mi. e. of, at n. e. cor. of T rd. n., in base of teleph. pole; spike	977.19
Kettlersville, 1.0 mi. e. of, at s. w. cor. of T rd. s., in base of teleph. pole; spike	978.96
Kettlersville, 1.0 mi. e. of, at s. w. cor. of T rd. s.; **iron post** stamped "979"	**978.843**
Kettersville, 1.0 mi. e. by 1.0 mi. s. of, s. w. cor. of +rds., in fence post; spike	971.50
Kettlersville, 1.0 mi. e. by 1.5 mi. s. of, n. w. cor. of T rd. w., in tel. pole; spike	967.13
McCartysville, 1.0 mi. e. by 1.0 mi. n. of, in base of teleph. pole at n. w. cor. of T road n.; spike	966.02
McCartysville, 1.0 mi. e. of, in base of teleph. pole at s. w. cor. of +rds.; spike	980.83
McCartysville, 1.0 mi. e. of, at n. w. cor. of +rds.; **iron post** stamped "980"	**980.106**
McCartysville, 1.0 mi. e. by 1.1 mi. s. of, at White Feather Christian Church, in base of fence post at s. w. cor. of +rds.; spike	994.93
McCartysville, 1.0 mi. e. by 1.0 mi. s. of, at n. w. corner of +rds., in base of telephone post; spike	995.67
Hardin, 5.0 mi. n. of, at n. w. cor. of +rds., on n. end of iron pipe drain under e.-w. rd.; paint mark around bolthead	1000.96
Hardin, 4.0 mi. n. of, at n. w. cor. of +rds; **iron post** stamped "990"	**990.428**
Hardin, 3.0 mi. n. of, in base of teleph. pole at n. e. cor. of +rds.; spike	1007.32
Hardin, 2.0 mi. n. of, at n. e. cor. of +rds., in base of teleph. pole; spike	981.90
Hardin, 1.0 mi. n. of, in base of teleph. pole at n. w. cor. of +rds.; spike	959.55
Hardin, 1.0 mi. n. of, at n. w. cor. of +rds.; **iron post** stamped "960"	**959.422**
Hardin, on s. w. cor. of second concrete step from bottom of step to store of Hugh Sloane; painted square	981.12

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	Feet
Hardin Sta., in base of teleph. pole 60 ft. w. of sta., at n. w. cor. of intersec. of public highway and Big Four Ry.; spike	951.57
Hardin Sta., 2.0 mi. e. of, between n. and s. tracks, on w. side of ry. +ing, in base ot cattle guard; spike	1011.45
Hardin Station, 2.0 mi. e. of, at s. w. cor. of T rd. e. and 60 ft. n. of ry. +ing; **iron post** stamped "1015"	**1015.219**
Spafford, in front of power house; top of rail	1028.2
Swanders s. w. 5 miles	
Swanders, in front of sta.; top of rail	1018.3
Swanders, 1.0 mi. s. by 0.8 mi. w. of, at s. e. cor. of +rds., in tel. pole; spike	1017.84
Swanders, 1.0 mi. s. by 1.8 mi. w. of, s. e. cor. of +rds., in fence post; spike	1028.52
Swanders, 1.0 mi. s. by 1.8 mi. w. of, s. w. cor. of +rds.; **iron post** stpd. "1028"	**1028.009**
Swanders, 1.0 mi. s. by 3.0 mi. w. of, at T rd. n., in base of tel. pole; lag screw	1024.19
Swanders, 1.0 mi. s. by 3.8 mi. w. of, in w. end of small wooden bridge at +rds.; brass nail head	992.06
Anna w. 2.5 miles	
Anna, 1.5 mi. w. of, at +rds., w. end of culv. under n.-s. rd.; brass nail head	1013.83
Anna, 2.5 mi. w. of, at s. w. cor. of +rds., in top of fence post; brass nail head	984.17
Hardin Station s. 1 mile	
Hardin Station, 0.5 mi. s. of, at s. e. cor. of T rd. e.; on large stone	960.36
Hardin Station, 1.0 mi. s. of, at n. w. cor. of T rd. w., on top of large stone; paint mark	939.96
Lockington n. along highway to Newburn	
Newburn, at n. e. cor. of T rd. e.; **iron post** stamped "960"	**960.337**
Botkins east along public road to point near Jackson Center, thence north to point near Geyer	
Botkins, at road crossing; top of rail	1001.8
Botkins, 1 mi. s. of, e. side of W. O. Elec. Ry. abut.; highest pt. on coping stone	985.21
Botkins, 2.2 mi. s. w. of, at Densmore Township subdistrict No. 10 schoolh.; highest point on n. w. corner of top step	1010.29
Botkins, 1 mi. s. by 2.5 mi. e. of; **iron post** stamped "1026 Ohio"	**1026.214**
Botkins, 1 mi. s. by 3.3 mi. e. of, in n. end of culv. at T rd. s.; copper B. M. nail	1035.53
Jackson Center, 1 mi. n. by 1.5 mi. w. of; **iron post** stamped "1026 Ohio"	**1026.435**
Jackson Center, 1 mi. n. of, in s. end w. side of small bridge; copper B. M. nail	1017.26
Jackson Center, 2 mi. n. of; copper B. M. nail in corner post at base	1013.94
Geyer, 2 mi. s. e. of, at s. w. cor. of Castle schoolh,; **aluminum tablet** stpd. "1016"	**1015.633**
Point near Jackson Center east to county line	
Jackson Center, 1 mi. n. by 1.3 mi. e. of, at T rd. n.; **iron post** stpd. "1024 Ohio"	**1024.080**
County line near Maplewood w. along highway to Anna	
Maplewood, 1 mi. n. of, 30 ft. n. by 25 ft. e. of +rds.; **iron post** stpd. "1032 Ohio"	**1031.648**
Jackson Center, 3 mi. s. by 0.8 mi. w. of; **iron post** stamped "1033 Ohio"	**1032.920**

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	Feet
Anna, 4.5 mi. e. of, 100 ft. s. w. of schoolh., 35 ft. n. by 20 ft. e. of center of +rds.; highest point on n. end of cast iron culvert	1054.41
Anna, 3 mi. e. of, T. 7 S., R. 6 E., 0.25 mi. e. of n. w. cor. of sec. 36, 40 ft. s. by 20 ft. e. of cen. of +rds.; **iron post** stamped "1035 Ohio"	**1034.640**

Sidney n. e. along highway and n. to Maplewood

Sidney. 2.1 mi. n. e. of, at s. e. cor. of +rds.; **iron post** stamped "952 Ohio"	**952.048**
Port Jefferson, in n. e. cor. of schoolh. yard; **iron post** stamped "976 Ohio"	**976.458**
Port Jefferson, 1.2 mi. n. e. of, on large granite rock on e. side of rd.; chiseled sq.	1050.96
Maplewood, 3.3 mi. s. w. of, at n. w. cor. of +rds.; **iron post** stamped "975 Ohio"	**975.439**
Maplewood, 1.5 mi. s. w. of, at n. w. corner of +rds.; highest point in coping stone of small culvert	1041.99
Maplewood, 0.8 mi. s. e. of; **iron post** stamped "1032 Ohio"	**1032.003**
Maplewood, about 0.25 mi. w. of, highest point on coping stone n. side of e. abut. of brg., first rock at n. end of second tier, painted and chiseled	1033.15

3 mi. e. of Anna s. to point near Port Jefferson

Anna, 3 mi. e. by 1 mi. s. of, n. e. cor. of +rds.; chiseled sq. on granite rock	1026.40
Anna, 3 mi. e. by 2.4 mi. s. of, copper B. M. nail in top of cor. fence post	1082.30
Port Jefferson, 1.2 mi. w. by 1 mi. n. of, s. e. cor. of T rd.; **iron post** "1046 Ohio"	**1045.666**
Port Jefferson, 1.2 mi. w. of; highest point on n. e. cor. of schoolh. step	1046.27
Port Jefferson, 1.4 mi. s. w. of, in top of large fence post at T rd. n.; copper B. M. nail	1033.65

Sidney s. e. 5 miles

Sidney, 0.8 mi. s. of, on concrete abut., e. end, n. side of brg. over Great Miami River, chiseled square	937.67
Sidney, 1.5 mi. s. of, 1000 ft. s. of w. drive to Children's Home, at e. end of small concrete culv.; chiseled square	965.63
Sidney, 4.6 mi. s. e. of; highest pt. on n. end of cast-iron culv. under wagon rd.	1055.14

2.6 mi. e. of Port Jefferson s. along highway to Plattsville

Pemberton, 2.5 mi. n. w. of, **iron post** stamped "1059 Ohio"	**1058.926**
Pemberton, 2.0 mi. s. w. of, at +rds.; chiseled square on granite rock	1063.68
Pemberton, 2.5 mi. s. w. of, on w. side of rd., at res. of J. C. Ward; **iron post** stamped "1067 Ohio"	**1067.275**
Pemberton, 3.5 mi. s. w. of, highest pt. on w. end of cast-iron culv. under rd.	1056.71

Botkins s. along C. H. & D. Ry. to Sidney (precise line)

Botkins, n. side of main cross street one-fourth mi. e. of C. H. & D. Ry., in top cor. of stone found. of school bldg., in s. face., 2.5 ft. e. of w. cor., 2.3 ft. above ground; **brass bolt** marked with horizontal line (C. & G. S. B. M. B2)	**1004.985**
Anna, First Methodist Church building, cor. of Pike and Second Sts., on e. side of small buttress, n. of e. door, 2.4 ft. above ground and 0.49 foot s. of n. edge of buttress; **brass bolt** marked with horizontal line (C. & G. S. B. M. C2)	**1030.388**
Swanders, 0.5 mi. n. of, n. e. quarter of stone culv. dated 1892 under C. H. & D. Ry. track, top of third step below coping, 5 in. from s. face and 5 in. from e. face of next step above; **chiseled square** (C. & G. S. B. M. D2)	**1013.247**

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	Feet
Franklin township, on C. H. & D. Ry., halfway between mileposts 101 and 102 from Cincinnati, lowest pt. of grade, s. e. quarter of culv., on second step, about 4.3 ft. below coping; **chiseled square** (C. & G. S. B. M. E2)	**1006.033**
Sidney, on C. H. & D, Ry., at s. w. quarter of brg. 40 over C. C. C. & St. L. Ry., on n. w. cor. of brg. seat course, 6 in. from n. and w. faces; **chiseled square** (C. & G. S. B. M. F2)	**1000.761**
Sidney, n. w. cor. of courth. sq., 48⅓ ft. above city zero pt. The mark was made by burning a sandstone 20 in. sq. and 2 ft. high with another stone 2 ft. high and 14 in. sq. at bottom and 3 in. sq. at top, set on top of stone. Both stones were firmly embedded in ground up to top of 2d. stone, above which is 4 in. of cement in which **cross** is cut (C. & G. S. B. M. Sidney City)	**957.060**
Sidney, courth., on w. face of found'n of n. vestibule, 2 ft. 1 in. s. of n. projecting edge of found'n and 3 ft. 5 in. above ground; **brass bolt** marked with horizontal line (C. & G. S. B. M. G2)	**962.675**
Sidney, 1.2 mi. s. of, Clinton township on line of canal and C. H. & D. Ry., s. w. quar. of brg. over canal, on n. w. cor. of large brg. seat stone 6 in. from each face; **chiseled square** (C. & G S. B. M. H2)	**961.836**

South Charleston Quadrangle

New Moorefield along highways s. e. and s. to Plattsburg thence w. and s. w. to Pitchin

New Moorefield, 0.50 mi. w. by 0.60 mi. n. of, top w. end of brg. seat, n. w. cor. of small highway brg. over drain; chiseled square	1054.86
New Moorefield, 0.50 mi. w. of, n. w. cor. of T rd. n., inside of fence cor., in root on s. w. side of 1 ft. silver poplar tree, 3 in. under ground; copper tack	1046.91
New Moorefield, at e. edge of town, on s. side of st. at T rd. n., in front wall, n. e. cor. of stone found'n of Moorefield Tp. Hall; **bronze tablet** stpd. "1050"	**1049.955**
New Moorefield, 1.13 mi. e. of, s. w. cor. sec. 34, n. e. cor. of T rd. n., in base of cor. fence post; copper B. M. nail	1086.82
New Moorefield, 2 mi. e. by 0.50 mi. s. of, at e. quar. cor. of sec. 33, at s. w. cor. of T rd. s., inside of fence, in root on s. w. side of 30-in. oak tree; copper B. M. nail	1148.72
New Moorefield, 2 mi. e. by 1.5 mi. s. of, w. quar. cor. of sec. 26, T rd. e., at n. e. cor. of rds., e. end of iron drain pipe under n. rd.; top	1136.72
Vienna Crossroads (S. Vienna P. O.), 2 mi. n. by 2.86 mi. w. of, on top of hill where rd. bends to s. w. through gap in ridge, 15 ft. s. of s. w. cor. of house, 30 ft. w. of road, in root on s. e. side of 27-in. oak tree; copper B. M. nail	1177.76
Vienna Crossroads (S. Vienna P. O.), 2 mi. n. by 2 mi. w. of, in front wall at s. e. cor. of stone found'n of Asbury Church; **aluminum tablet** stpd. "1182 Ohio"	**1181.103**
Vienna Crossroads (S. Vienna P. O.), 2 mi. n. by 1 mi. w. of, on n. side of rd., front of res. of Lewis Jones, 10 ft. e. of walk to house, at yard fence, in root on s. side of 15-in. oak tree; copper B. M. nail	1178.84
Vienna Crossroads (S. Vienna P. O.), 2 mi. n. of, 80 ft. w. of T rd. w., on s. side of w. rd., in root on s. w. side of 2 ft. ash tree; copper B. M. nail	1221.49
Vienna Crossroads (S. Vienna P. O.), 2 mi. n. by 0.50 mi. e. of, 0.5 mi. e. of Pleasant Tp. school, subdistrict No. 3, in n. w. cor. of found'n of W. Shorey's res.; **aluminum tablet** stamped "1236 Ohio"	**1234.992**
Vienna Crossroads (S. Vienna P. O.), 1.25 mi. n. of, +rds., at n. w. cor. of, top of n. end of concrete culvert under w. rd., chiseled square	1239.30
Vienna Crossroads, (S. Vienna P. O.), cen. of town, n. e. cor. of +rds., top of s. w. cor. of concrete porch 1 ft. above sidewalk, front of Geo. L. Wingate's general store; chiseled square	1200.34

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	Feet
Vienna Crossroads (S. Vienna P. O.), 1.06 mi. s. of county highway brg. No. 820 over Beaver Creek, n. abut., top of s. end of w. wing wall; chiseled sq.	1124.66
Plattsburg, in found. on n. side, 2 ft. w. of entrance of High School; **aluminum tablet** stamped "1155 Ohio"	**1154.587**
Plattsburg, 1.60 mi. w. of, s. w. cor. of T rd. s., inside of yd., in root on n. side of 1-ft. maple tree.; copper B. M. nail	1131.44
Plattsburg, 2.85 mi. w. of, on n. side of rd. front of H. E. Loveless' res., top stone step at rd., end of walk from house to rd.; chiseled square	1117.60
Plattsburg, 3.80 mi. w. of, at Newlove +rds., in stone under door of schoolh.; **aluminum tablet** stamped "1109 Ohio"	**1108.497**
Plattsburg, 3.80 mi. w. by 0.75 mi. s. of, rd. +ing Big Four Ry., e. side of rd. n. ry. right-of-way line, top concrete base of cor. fence post; chiseled sq.	1093.22
Harmony, 1.5 mi. s. of, rd. +ing Big Four Ry. at e. of road, s. side of track, driven in base of s. side of warning post; ry. spike	1107.94
Harmony, 2.30 mi. s. of, at Fletcher M. E. Church, in top stone of found'n, 1 ft. s. of n. w. corner; **aluminum tablet** stamped "1149 Ohio"	**1148.459**
Harmony, 2.30 mi. s. by 1.30 mi. w. of, +rds. on Springfield-South Charleston pike, n. e. cor. of rds., top stone brg. seat n. e. cor. of small brg.; chiseled sq.	1049.87
Thorp Station, 1.05 mi. w. by 0.18 mi. s. of, highway brg. "1038" over North Fork of Little Miami Riv., s. abut., top of s. end of e. wing wall; chiseled sq.	1046.33
Pitchin, 3.80 mi. n. e. of, at Pleasant Ridge schoolh., in n. w. cor. of found'n, 1.5 ft. s. of corner; **aluminum tablet**	**1083.354**
Pitchin, 2.50 mi. n. e. of, T rd. n. on Springfield-Green Tp. line, near n. quar. cor. of sec. 12, 30 ft. s. of road forks, in field, in root on n. w. side of 2-ft. walnut tree; copper B. M. nail	1087.06
Pitchin, 1.20 mi. n. by 0.70 mi. e. of, T rd. w. at, on e. side of n.-s. rd., inside of field fence, in root of w. side (3 inches under ground,) of 8-in. walnut tree; copper B. M. nail	1086.05
Pitchin, 0.40 mi. n. by 0.70 mi. e. of, 150 ft. w. of T rd. n., 200 ft. w. of Limerick Stop, n. side of rd., inside of field, 10 ft. n. of n. rd. fence line, in root on rd. side of 2-ft. ash tree; copper B. M. nail	1095.76
Plattsburg along highways e., n. and w. to point n. of Vienna	
Plattsburg, 2.8 mi. e. of, in stone under door of Wilson schoolh.; **aluminum tablet** stamped "1179"	**1178.164**
Summerford, 1.2 mi. w. of, 0.2 mi. n. of National pike and Columbus, London and Springfield Elec. Ry., 0.4 mi. n. of Dove Creek school, at s. e. cor. of parapet of brg. over Deer Creek; **aluminum tablet** stamped "1185"	**1184.447**
Brighton, 4 mi. n. of, 0.5 mi. n. of Brighton-Tradersville pike, in Lundy's lane 600 ft. s. of T rd., in third stone from top of n. e. abut. of bridge; **aluminum tablet** stamped "1161"	**1160.273**
Near n. e. corner of quadrangle	
Tradersville, 1.2 mi. s. w. of, n. end of w. abut. of small steel brg.; chiseled sq.	1122.57
Tradersville, 1.86 mi. s. w. of, in s. w. cor. of +rds., in base of tel. pole; spike	1152.83
Tradersville, 3.16 mi. s. w. of, in s. e. cor. of crossroads, on top of stone drain; chiseled square	1166.60
New Moorefield s. w. along highways to near Villa	
New Moorefield, 1.40 mi. s. w. of, 250 ft. e. of T rd. s., s. e. cor. of highway bridge, top of w. end of wing wall; chiseled square	1031.62

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Pitchin s. e. along Selma Pike to Selma, thence s. w. to w. border of quadrangle

	Feet
Pitchin, 2.75 mi. s. e. of, on Selma pike, on top of top stone, s. e. abut. wall of high truss iron brg. over Little Miami River; chiseled cross	1030.67
Selma, on top at s. end of stone door sill of Robert Elder's general store, at Panhandle depot; line from here s. w. on Ry., Madison Tp.; chiseled cross	1087.37
Selma, in s. w. cor. of s. face of stone foundation of general store at railway sta.; **bronze tablet** stamped "1086 Columbus"	**1086.077**
Selma, 1 mi. s. w. of, on Panhandle Ry., on top of top stone of n. w. abut. wall of ry. brg. No. 27, 300 ft. s. of rd. +ing; chiseled cross	1062.88

Selma n. e. along highway near P. C. C. & St. L. Ry. to London

South Charleston, public school building, in top of stone foundation, s. w. side; **aluminum tablet** stamped "1132" (destroyed)	**1131.934**
South Charleston, 4 mi. n. e. of, +ing of Madison-Clark county line and London pike, s. side of county line stone; **aluminum tablet** stamped "1139"	**1138.402**
London, 4.6 mi. s. w. of, 400 ft. s. w. of house, in top of township line stone; **aluminum tablet** stamped "1122"	**1121.430**

Selma s. e. to Oakland School

Selma, 1 mi. s. e. of, 150 ft. e. of forks to n., s. margin of rd., top of stone monument; chisel mark "C L"	1096.69
Selma, 3.5 mi. s. e. of, on s. end of culv. at +rds., schoolh. to n.; chiseled sq.	1112.30

Spencerville Quadrangle

Spencerville e. along Erie Railroad to Kempton

Spencerville, at intersec. of C. H. & D. Ry. and Erie Ry., 30 ft. w. of former and 80 ft. n. of the latter, on right of way; **iron post** stamped "827"	**827.127**
Conant, 30 ft. w. of rd., 60 ft. s. of ry., at ry. +ing, on right of way; **iron post** stamped "828"	**828.034**

Spencerville w. 6.6 mi. along Erie Railroad, thence s. to St. Marys

Spencerville, in front of sta.; top of rail	828.0
Spencerville, 3.0 mi. w. of, 50 ft. n. of ry., near+ing, 40 ft. w. of rd., on right of way; **iron post** stamped "824"	**823.366**
Converse (stop), at w. end of plank at ry. +ing, top of n. rail; painted "827.40"	827.0
Venedocia, 3.5 mi. s. of, 60 ft. n. of Erie Railroad at +ing, 35 ft. w. of rd., on right of way; **iron post** stamped "816"	**816.126**
Kossuth, 3.0 mi. n. by 5.5 mi. w. of, at s. w. cor. of +rds. on county line; **iron post** stamped "843"	**842.423**
Mendon, 3.8 mi. e. of, at s. e. cor. of +rds.; **iron post** stamped "829"	**828.508**
St. Marys, 2.5 mi. w. by 6.5 mi. n. of, s. e. cor. of +rds.; **iron post** stpd. "833"	**832.551**
St. Marys, 3.0 mi. w. by 3.5 mi. n. of, n. e. cor. of +rds.; **iron post** stpd. "852"	**851.897**
St. Marys, 3.0 mi. w. of, 30 ft. w. of highway and 10 ft. s. of ry., near +ing, on right of way; **iron post** stamped "903"	**902.765**
St. Marys, in front of Lake Erie and Western station; top of rail	870.2
St. Marys, 315 ft. e. of L. E. & W. Ry. sta.; 115 ft. w. of street, at ry. +ing of Wayne Street, on right of way; **iron post** stamped "871"	**870.988**

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Spencerville s. via Kossuth to St. Marys, thence e. to point 2 mi. e. of Moulton

Kossuth, 1.1 mi. n. w. of, w. side of n.-s. rd., at T rd. e.; **iron post** stamped "842"	841.576
St. Marys, 6.0 mi. n. e. of, at T rd. w.; **iron post** stamped "828"...	827.676
St. Marys, 3.0 mi. n. e. of, at s. w. cor. of +rds., **iron post** stamped "859"...	858.975
Moulton, 1.1 mi. w. of, 15 ft. s. of ry. at +ing, 40 ft. w. of rd., on right of way; **iron post** stamped "906"...	905.447
Moulton, 2.0 mi. e. of, 30 ft. n. of ry. at +ing, 30 ft. e. of highway, on right of way; **iron post** stamped "882"...	882.108

Moulton n. to Conant

Moulton, in front of sta.; top of rail...	896.7
Moulton, 2.25 mi. n. of, at n. w. cor. of +rds.; **iron post** stamped "873"...	873.430
Moulton, 5.25 mi. n. of, at s. e. cor. of T rd. s.; **iron post** stamped "848"...	848.107
Conant, 3.5 mi. s. of, at s. e. cor. of T rd. e.; **iron post** stamped "834"...	833.887

Near Elgin

Elgin, 1.5 mi. s. w. of, on s. side of e.-w, highway at rd. +ing, about 1200 ft. w. of John Goodwin's res.; spike in base of fence post...	816.39
Elgin, 1 mi. s. of, s. w. cor. of rd. +ing; s. bannister of cement culvert...	818.51

Springdale Quadrangle

Aberdeen via Manchester to Wrightsville

	Feet
Aberdeen, 4.4 mi. e. of, 160 ft. e. of small iron bridge over Little Threemile Creek, in n. w. cor. of +rds., on top of stone chiseled + marked "511.55"	512.56
Aberdeen, 5.8 mi. e of, on Aberdeen rd., 35 ft. s. e. of cen. of forks, s. e. cor. of T rd. s. to Ohio River, **iron post** stamped "554"...	555.044
Manchester, 4.2 mi. s. w. of, 10 ft. s. of forks, on s. side of rd. at T road n. up hollow; **iron post** stamped "Prim. Trav. Sta. No. 19—1910—513"...	514.127
Manchester, s. w. cor. of West Union rd. and Second St., in n. e. cor. of fence around pump, opposite Presbyterian cemetery; **iron post** stamped "510"...	511.226
Manchester, 0.7 mi. e. of, on Rome rd., 150 ft. w. of bend to n. e. in rd., 2 ft. e. of teleph. pole s. of rd.; **iron post** stamped "519"...	519.499
Wrightsville, s. e. cor. of +ing of Rome and West Union rds.; **iron post** stamped "Prim. Trav. Sta. No. 17—1910—533"...	533.370

Beasleys Fork to Wrightsville

Beasleys Fork P. O., at rd. forks, 200 ft. e. of large iron brg. over Beasleys Fork, 50 ft. w. of store and 35 ft. s. w. of cen. of rd. forks; **iron post** stamped "584"..	584.471
Wrightsville, 0.60 mile w. of, on Kentucky bank of Ohio River, 60 ft. w. of Gillpins Run, 25 ft. s. of Ohio River, in base of 6-in. willow tree; log screw	473.91

Maddox (Clayton) s. e. and n. e. via roads to Bentonville

Maddox, about 60 ft. e. of store on s. side of pike; **iron post** stamped "963"..	963.110
Bentonville, about 60 ft. e. of rd. +ing, in cen. of town, w. of pike, back of teleph. pole; **iron post** stamped "914"...	914.544

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On left shore of Ohio River (precise line of Army Engineers')

	Feet
Bridge No. 594.1 (C. & O. Ry.), over Crooked Creek; Army Engineers' U. S. B. M. 400-A, on first course of stone below cushion stone of s. w. abutment, on s. w. cor. of stone; cut, Elev. 510.469	**508.949**
Springdale, Ky., C. & O. Ry. brdg. over Cabin Creek; Army Engineers' U. S. B. M. 401-A, on top of cushion stone on n. cor. of pier; cut, Elev. 508.336.	**507.815**

Springfield Quadrangle

Near Villa along highways s. w. to Springfield thence s. to Pitchin

Villa, 0.47 mi. n. of, 0.10 mi. n. of rd. forks, s. w. cor. of yd. to Union schoolh., 20 ft. n. of well, in root on s. side of 2-ft. hickory tree; copper B. M. nail	1078.69
Villa, 400 ft. w. of, n.-s. rd., in s. w. cor. of found'n. of C. R. Marshall's res.; **aluminum tablet** stamped "1079 Columbus"	**1077.125**
Villa, 0.90 mi. s. of, 0.20 mi. s. of T road n. w., ⅛ mi. n. of Springfield-New Moorefield Tp. line and T rd. w., top of w. end of culv.; chiseled square	1045.28
Springfield, steel brg. over Buck Cr. on Lagonda Ave., at Champion Works of International Harvester Co., n. abut., top of w. end of parapet wall; chiseled sq.	951.71
Springfield, s. w. cor. of intersec. of Lagonda Ave. and Farlow St., 100 ft. w. of +ing (Sandusky Division of S. & St. L. Ry.), 5 ft. w. of storm sewer opening, top stone curb; chiseled square	955.40
Springfield, in face of second arched pillar from n. end of e. entrance of City Hall; **aluminum tablet** stamped "979 Columbus"	**978.967**
Springfield, s. e. corner of intersec. of Clifton and Tibbets Sts., on e. side of Tibbets St.; 6.6 ft. s. of storm sewer opening, top of curb; chiseled square.	1018.30
Springfield, on Clifton St. at Sunset Avenue, at s. city limits, on w. side of Clifton St., top of s. stone at w. end of stone culv.; chiseled square	1025.75
Springfield, 2.5 mi. s. e. of, on Selma Pike, n. w. cor. of +rds., at Crossroads Schoolhouse, top of n. end of concrete culv. under w. rd.; chiseled sq	1047.80
Springfield, 3.75 mi. s. e. of, on Selma Pike, T rd. e. at s. e. cor. of rd. forks, in base of w. side of cor. fence post; copper B. M. nail	1047.30
Springfield, 4.25 mi. s. e. of, on Selma Pike, 100 ft. e. of +rds., at fence line on n. side of e. rd., in root on w. side of 4-ft. sycamore, copper B. M. nail	1050.72
Pitchin, 1.20 mi. n. w. of, at rd. forks, 0.1 mi. e. of cen. of sec. 24, n. w. cor. of rds. at foot of e. side of concrete base to cor. steel fence post; chiseled sq.	1028.72
Pitchin, 0.70 mi. n. w. of, steel highway brg. over n. fork of Little Miami River e. stone abut., top of n. end of brg. seat; chiseled square	1027.69
Pitchin, n. w. cor. of +rds., 10 ft. s. of n. end of general store of E. L. Nave, in face of found'n wall at n. e. cor.; **aluminum tablet** stpd. "1087 Columbus"	**1086.095**
Pitchin, 0.4 mi. n. of, at Interurban Sta., T rd. e., s. e. cor. of rds., at s. fence line, 10 ft. e. of fence cor., in root on s. w. side of 10-in. hickory; copper B. M. nail	1090.46

Springfield along highways n. w. to Eagle City thence e. to Villa

Masonic Home, 2.5 mi. s. of, on joint of pipe between flange at rd. brg., 90 ft. s. of Street Electric Ry.; chiseled cross	924.64
Eagle City, 0.75 mi. n. e. of, on stone culv. at left of rd. by Pearson Farm at +rds.; chiseled cross	921.05
Eagle City, at blacksmith shop, on s. w. abut. of White iron rd. brg., 800 ft. s. of +rds.; chiseled cross	930.49
Eagle City, at S. R. Hockman estate, in s. e. cor. of found'n of White house; **aluminum tablet** stamped "927 Columbus"	**926.232**

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Osborn n. e. along C. C. C. & St. L. Ry. to Springfield

	Feet
Osborn, 2.5 mi. n. e. of, on Big Four Ry., on top, in cen. of top stone of culv. on s. side of track, 500 ft. n. of rd. +ing Mad River Tp.; chiseled cross...	841.23
Enon, on top at e. end of stone platform at Big Four Ry. depot; chiseled +.	870.55
Enon, in face of brick wall on n. side at n. w. cor. of Erie R. R. sta., **bronze tablet** stamped "874 Columbus".....	**874.900**
Enon, 1.5 mi. e. of, Snyderville, on Big Four R. R., on top at n. end of stone door sill at front entrance to Victor Rubber Company's office,; chiseled +	897.13
Enon, 5.5 mi. e. of, on Big Four Ry., on top of iron truss, on s. side of third truss from e. end of Big Four Ry. brg. No. 121 over Mad R.; chiseled cross	929.92
Springfield, at n. end of w. side of fountain opposite e. entrance to city hall, in top of stone of base step; copper bolt (city B. M.).....	977.09

Near Selma w. along highways to Goes

Selma, 3.25 mi. s. w. of, on Panhandle Ry., in cen. of top stone on stone brg. over creek, brg. No. 28; chiseled cross.....	1055.74
Cedarville, 1 mi. n. w. of, on Yellow Springs pike, on corner of limestone of culvert on e. end, at T road e.; chiseled cross.....	1022.86
Cedarville, 2.5 mi. n. w. of, on Yellow Springs rd., on top of flat lime stone at e. end of ditch at T rd. s. e.; chiseled cross.....	1027.36
Cedarville, 3.5 mi. n. w. of, on Yellow Springs rd., on top stone of culvert at forks of road n. w.; **chiseled cross**.....	**1003.917**
Cedarville, 4.5 mi. n. w. of, on Yellow Springs rd., on top of culvert stone at s. corner of crossroads; chiseled cross.....	1009.81
Cedarville, 6.5 mi. n. w. of, on culv. stone on s. e. side of n. e. and s. w. rd. at T rd. n. w.; chiseled cross.....	933.11
Goes, at front entrance to brick schoolh., district 4, in face at n. end of door sill; **aluminum tablet** stamped "875 Columbus".....	**874.419**

Springfield s. w. along Penna. R. R. to Goes

Springfield, 1.1 mi. w. of, at intersec. of Euclid Ave., brick building, at s. w. cor. at. n. door, on n. end of stone door sill; chiseled cross.....	1020.15
Springfield, 2.2 mi. w. of, 0.5 mi. w. of corporation line, on n. end of stone culvert; chiseled square.....	1001.37
Springfield, 3.9 mi. s. w. of, 450 ft. s. of Emery Chapel Sta., on n. abut. of brg. over Mill Creek; chiseled square on n. e. corner.....	997.36
Hustead, 330 ft. s. of sta., on n. w. corner of stone culvert; **aluminum tablet**..	**1020.430**
Yellow Springs, 0.6 mi. n. of, 1.2 mi. s. of Hennessey station, on s. w. cor. of stone culvert 158; chiseled square.....	979.63
Yellow Springs, 200 ft. w. of sta., on e. end of stone step at front entrance to Ridgeway's drug store; chiseled square.....	978.67
Yellow Springs sta., 0.9 mi. s. of, on e. face of stone culv.; chiseled square .	975.35
Yellow Springs sta., 1.8 mi. s. of, on e. face of stone culv.; chiseled square .	941.48
Goes, 0.5 mi. n. of, on brg. No. 162, on s. abut.; **chiseled square**.....	**869.020**

Staffords Corners east along highways to Eagle City

North Hampton, 2.7 mi. w. of, w. end of culv., 100 ft. s. of +rds.; chiseled sq.	1073.96
North Hampton, 1.7 mi. w. of, on w. end of s. abut. of small brg. at +roads; chiseled square.....	1090.28

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	Feet
North Hampton, 0.5 mi. w. of, on s. end of e. abut. of small brg., 150 ft. e. of +rds.; chiseled cross	1088.09
North Hampton, just w. of cen. of town on n. end of w. abut. of iron bridge; **aluminum tablet** stamped "1080 Columbus"	**1079.759**
North Hampton, 0.9 mi. e. of, on n. end of e. abut. of small brg. 200 ft. e. of forks to s.; chiseled square	1092.22
North Hampton, 1.7 mi. e. of, on s. end of w. abut. of small brg.; chiseled sq.	1114.23
Springfield, 4 mi. n. of, on w. end of s. abut. of white iron brg., 800 ft. s. of +rds., by blacksmith shop, 0.5 mi. n. of Eagle City; chiseled cross	930.49
Point 4 mi. n. e. of Alpha n. e. along highway to Goes	
Alpha, 5 mi. n. e. of, 2.5 mi. s. of Byron, w. side of T rd. e.; **iron post** stamped "Prim. Trav. Sta. No. 44—1907,—Ohio—917"	**917.253**
Alpha, 5.7 mi. n. e. of, 100 ft. s. w. of schoolh., 5 ft. s. of public rd.; copper B. M. nail in root of black oak tree	862.59
Goes, 1 mi. s. of, 100 ft. s. w. of T rd. n.; chiseled sq. on w. abut., s. side of brg. over Connor's branch	849.21

Steubenville Quadrangle

Steubenville along road w. via Wintersville to Richmond (This line closes low 1 ft. on accepted elev. at Richmond; therefore elev. given for Wintersville is possibly 1 ft. low.)	
Steubenville, in s. e. cor. of courth.; **aluminum tablet** stamped "715 Stbnvl."	**714.480**
Wintersville, in s. e. cor. of found'n of Wintersville Church; **aluminum tablet** stamped "1256 Stbnvl."	**1255.774**
Steubenville along road n. w. via Island Creek to Knoxville thence s. w. to Richmond (The extension of this line from Knoxville closes 1 ft. low at Richmond.)	
Alikanna, stone abutment of foot bridge leading to water works, in s. w. pier of; **aluminum tablet** stamped "663 Stbnvl." (bridge washed out)	**662.596**
Island Creek Bridge, across Island Creek, 100 yards from rd. leading to Costonia, in s. w. pier of bridge; **bronze tablet** stamped "788 Stbnvl."	**787.583**
Knoxville, at w. end of, in s. e. corner of stone foundation of church; **aluminum tablet** stamped "1280 Stbnvl."	**1279.557**
Steubenville s. to Brilliant, thence w. via New Alexandria to Smithfield (This line closes 1 ft. low on accepted elev. at Smithfield, so elevations are possibly 1 foot low.)	
Brilliant, ry. brg. over rd., in s. e. cor. of bottom tier of stone, at n. e. abutment of; T cut in stone	652.97
New Alexandria, in n. e. cor. of stone found'n of brick church; **bronze tablet** stamped "1249 Stbnvl."	**1248.789**
Steubenville s. and w. along P. C. C. & St. L. Ry. to Reeds Mills	
Mingo Junction, in front of station; top of rail	674.5
Mingo Junction, bridge No. 46, on n. w. coping stone of; chiseled square	670.21
Steubenville, 4.4 mi. s. w. of, brg. No. 48, n. e. cor. of coping stone; chiseled sq.	675.98
Gould, in front of station; top of rail	692.5

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New Alexandria station, in front of station; top of s. rail	740.9
New Alexandria station, 0.6 miles w. of, on n. w. abutment of small bridge, top stone; **bronze tablet** stamped "752 Steubenville"	**751.607**
Fernwood Sta., 600 ft. e. of, on n. end of arch culv.; ry. B.M., (R.R. Elev. 776.89)	777.38
Fernwood station, 1.6 miles w. of, bridge No. 52, over Cross Creek, on n. e. cor. of coping stone; ry. bench mark (R. R. elevation 810.41)	810.97
Reeds Mills, 390 ft. e. of station, arch bridge No. 53, over Cross Creek, on n. e. coping stone; railroad bench mark (R. R. elevation 828.22)	828.66

On Ohio River shore (Army Engineers' precise line)

New Cumberland, W. Va., s. w. cor. of Front and Ferry Sts., Army Engineers' U. S. B. M. 56-A, on s. w. cor. of D. S. Schiller Foundry Co.'s works; **chiseled square**, Elevation 670.845	**670.570**
Toronto, on W. Va. shore opposite lower end of, Army Engineers' U.S.B.M. 58-A, 800 ft. n. of upriver end of main building of Mack Tile Works; on s. e. corner of **large rock**, Elevation 673.274	**672.995**
Steubenville, on P. C. C. & St. L. Ry. bridge over Ohio River, Army Engineers' U. S. B. M. 66-A; on n. w. corner of e. **land pier**, Elevation 635.780	**635.472**
Steubenville, on s. e. cor. of Jefferson Co. Court House, Army Engineers' U. S. B. M. 67-A; on stone **water table**, Elevation 710.500	**710.190**
Mahan station, W. Va., 400 ft. n. of, on P. C. C. & St. L. Ry. culv. No. 3, Army Engineers' U. S. B. M. 69-A; e. side of ry.; on s. **stone wall**, Elev. 667.577	**667.260**
Wellsburg, W. Va., cor. of Water and Liberty Sts., Army Engineers' U. S. B. M. 74-A; **cut** on n. w. corner of court house, Elev. 667.570	**667.234**
Wellsburg, W. Va., on P. C. C. & St. L. Ry. bridge over Buffalo Creek, Army Engineers' U. S. B. M. 74-B; on s. w. cor. of s. abut., **cut**, Elev. 660.940	**660.604**

Summerfield Quadrangle

Klondyke via Quaker City and Summerfield to Lewisville

	Feet
Lore City, 0.88 mi. w. of, on e. abut. n. side of iron bridge; chiseled square, painted "815.52"	815.42
Lore City, 0.55 mi. e. of, in n. abut. of arched brg.; **aluminum tablet** stamped "823"	**822.786**
Lore City, 1.63 mi. e. of, 35 ft. n. of ry., at + ing, on s. abut. w. side of bridge; chiseled square marked "824.05"	823.95
Gibson Sta., 1.12 mi. e. of, about 500 ft. n. e. of Catholic Church, in e. abut. n. side of ry. bridge; **aluminum tablet** stamped "838"	**837.544**
Salesville Sta., 0.08 mi. w. of, in n. end of ry. culv.; **aluminum tablet** stpd. "852"	**852.207**
Quaker City sta., 5 ft. e. of n. e. cor. of, in top of property stone; **aluminum tablet** stamped "874"	**874.352**
Quaker City, 0.82 mi. s. of, on rock on s. side of rd.; chiseled sq. painted "1064.89"	1064.79
Batesville, 2.5 mi. n. of, on rock, n. side of rd.; chiseled sq., painted "1087.97"	1087.87
Batesville, in s. e. cor. of found'n of high school bldg., 1 ft. above ground; **aluminum tablet** stamped "931"	**930.821**
Batesville, 2.58 mi. s. w. of, on e. abut., s. side of iron brg. over Beaver Cr., 3000 ft. e. of Jacob Wisecarver's res.; **aluminum tablet** stamped "842"	**841.961**
Summerfield, 6.36 mi. n. of, in s. abut. e. side of cov. brg. painted white over Seneca Fork Wills Cr., 700 ft. n. w. of J. Bates' res.; **aluminum tablet** stpd. "834"	**833.804**
Summerfield, 2.91 mi. n. of, in n. w. cor. of found'n to res. of Mrs. L. Moore, 260 ft. n. of T rd.; **aluminum tablet** stamped "886"	**885.682**

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	Feet
Summerfield, in w. abut. e. side of 9th tier of stone from top of wagon brg., over ry. on Cross St.; **aluminum tablet** stamped "1187"	**1186.695**
Summerfield, 1.05 mi. e. of, on rock s. side of ry.; chiseled sq., marked "1052.0	1051.91
Ethel Sta., 100 ft. e. of, on w. abutment s. side of iron bridge at ry. crossing; chiseled square, painted "917.22"	917.13
Ethel Sta. 0.64 mi. n. of, 65 ft. w. of ry., 700 ft. e. of res. of John Quinlin, in brown stone ledge; **aluminum tablet** stamped "892"	**890.897**
Herlan, in front of station; top of T rail used as post, marked "872.48"	872.39
Brister, 0.29 mi. w. of, 25 ft. s. of ry. at crossing, in n. abut. of e. side of covered bridge; **aluminum tablet** stamped "894"	**893.820**

Summerfield w. to Sarahsville thence s. w. to Caldwell

Whigville, 60 ft. s. of ry., in n. w. cor. of found'n of Methodist Episcopal Ch., 18 in. above ground; **aluminum tablet** stamped "1158"	1157.424
Fredericksdale schoolhouse, in s. e. cor. of found'n, 60 ft. n. of ry., 700 ft. e. of station; **aluminum tablet** stamped "895"	**894.904**
Fredericksdale, in front of station; top of rail	882.0
Sarahsville (old station), 100 ft. w. of, 35 ft. e. of ry., in w. abut. n. side of bridge; **aluminum tablet** stamped "856"	**856.231**
Duvall station, 530 ft. w. of, in s. e. corner of found'n of schoolhouse; **aluminum tablet** stamped "820"	**820.228**

Mt. Ephraim station north to Lore City

Mt. Ephraim, M. E. Church, in s. w. cor. of found'n, 18 in. above ground; **aluminum tablet** stamped "1147"	**1146.472**
Mt. Ephraim, 2 mi. n. of, on n. abut. e. side of cov. brg., at T road; chiseled square, painted "869.87"	869.74
Mt. Ephraim, 2.66 mi. n. of, on n. abut. e. side of small wooden brg.; chiseled square, painted "854.77"	854.63
Mt. Ephraim, 3.78 mi. n. of, in w. abut. n. side of cov. brg. on T rd., sign post reads "Mt. Ephraim 4 mi. Senecaville 3 mi."; **aluminum tablet** stamped "835"	**834.553**
Mt. Ephraim, 4.8 mi. n. of, on s. abut. of brg., w. side, in front of schoolh. at T rd. n.; chiseled sq., painted "845.8"	845.68
Senecaville, in n. abut. e. side of iron wagon brg. over Wills Creek; **aluminum tablet** stamped "813"	**812.487**
Senecaville, in front of station; top of rail	813.3

At Fulda Triangulation station

Fulda, 2 mi. n. of, Fulda triangulation sta., in top of 6 by 6 sandstone on Bates Hill, T. 6 N., R. 8 W.; **bronze tablet** stamped "1250 Columbus"	**1249.175**

Swanton Quadrangle

6 mi. n. of Grand Rapids n. e. along Wabash Ry. and highway to B. M. 2 mi. s. of Monclova

Whitehouse, in front of station; top of rail	657.4
Whitehouse, 0.11 mi. n. e. of, on s. w. found'n of Wabash Railroad pumping station; **aluminum tablet** stamped "658"	**657.937**

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3 mi. s. of Delta e. along highways to Whitehouse

	Feet
Delta, 3 mi. s. by 1 mi. e. of, s. w. corner of +rds., in Raker Union Church yard; brass tag on top of short post, marked "693.0"	693.12
Delta, 3 mi. s. by 1.2 mi. e. of, n. e. cor. of T rd., opposite schoolhouse; spike in base of telephone pole, painted "682.5"	682.65
Delta, 3 mi. s. by 1.5 mi. e. of, n. w. cor. of T rd. n.; spike in base of teleph. pole, painted "697.7"	697.85
Delta, 3 mi. s. by 2 mi. e. of, s. w. cor. of +rds.; **Iron post** stamped "687"	**687.386**
Brailey, 1.8 mi. s. by 1 mi. w. of, 800 ft. w. of St. Johns Church, n. e. cor. of +roads; spike in base of telephone pole, painted 682.3"	682.37
Brailey, 1.8 mi. s. of, at n. w. cor. of +roads; brass tag in base of mailbox, painted "681.6"	681.67
Brailey, 1.8 mi. s. by 1 mi. e. of, s. w. cor. of +roads, in Elton schoolh. yard, 120 ft. s. w. of +roads; **Iron post** stamped "677"	**677.101**
Brailey, 1.8 mi. s. by 1.5 mi. e. of, at T road n.; spike in base of teleph. pole, painted "680.7"	680.68
Brailey, 1.8 mi. s. by 2 mi. e. of, n. w. cor. of +roads, on Fulton-Randolph county-line; spike in base of teleph. pole, painted "680.5"	680.43
Brailey, 1.8 mi. s. by 2.5 mi. e. of, 25 ft. e. of n. w. corner of +roads; tag on top of mailbox, painted "678.4"	678.31
Brailey, 1.8 mi. s. by 3 mi. e. of, s. w. corner of +roads; brass tag on top of fence post, painted "680.8"	680.70
Whitehouse, 3 mi. n. w. of, n. e. cor. of +roads, opposite Franklin schoolh.; **Iron post** stamped "671"	**671.169**
Whitehouse, 2 mi. n. w. of, n. w. cor. of rd. forks; spike in base of mailbox, painted "674.1"	674.05
Whitehouse, 1 mi. n. w. of, n. e. cor. of +roads; spike in base of corner fence post, marked "669.6"	669.48

1 mi. n. of Crissy s. along highways to Whitehouse

Crissy, 0.1 mi. n. of, at +rds., in platform of town pump; brass tag, painted "649.400"	649.58
Holland, 3.8 mi. w. of, s. e. cor. of +rds.; spike, tel. pole base, painted "666.2"	666.46
Garden, sta. of Interurban Electric Ry., 4 mi. w. by 0.8 mi. s. of Holland, in n. side of +roads; **Iron post** stamped "Prim. Trav. Sta. No. 28—667"	**667.100**
Holland, 3.8 mi. w. by 0.5 mi. s. of, at n. e. cor. of +roads; spike in base of telephone pole, marked "660.0"	660.18
Monclova, 2.5 mi. w. by 1.8 mi. n. of, at w. side of Y road; spike in base of telephone pole, marked "650.2"	650.42
Monclova, 2.25 mi. n. w. by 1.5 mi. n., at w. side of Y rd.; spike in base of telephone pole, marked "644.6"	644.88
Monclova, 2.25 mi. w. by 1 mi. n. of, 300 ft. e. of Roberts Church, n. w. cor. of +roads; spike in base of telephone pole, marked "650.0"	650.19
Monclova, 2.35 mi. w. of, 850 ft. n. of ry., n. w. cor. of +rds.; **Iron post** stpd. "649"	**649.131**
Monclova, 2.25 mi. w. by 0.8 mi. s. of, at n. w. cor. of stone culvert; chiseled square, marked "641.6"	641.90
Whitehouse, 2.5 mi. n. e. of, at n. w. corner of Y rd.; spike in base of fence post, marked "643.6"	643.91
Whitehouse, 1.9 mi. n. e. of, at Y rd., on n. e. end of brg.; bolt, mkd. "640.7"	641.03

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Whitehouse, 1.8 mi. n. e. of, at s. e. cor. of Y rd.; spike in base of tel. pole, "650.7"	651.02
Whitehouse, 1.6 mi. n. e. of, n. e. cor. of T rd. s.; at edge of cemetery, spike in base of telephone pole, marked "656.846	657.13
Whitehouse, 1.4 mi. n. e. of, at s. side of T road, 150 ft. s. of brg.; spike in base of telephone pole, marked "648.0"	648.34
Whitehouse, 1.2 mi. n. e. of, 200 ft. n. of Nable schoolhouse, on e. side of T road; **spike** in base of telephone pole, marked "657.4"	**657.937**

Garden w. along highways to 2 mi. n. of Delta

Garden, interurban ry. sta., 20 ft. n. of, at e. side of fork of rd., on edge of track; spike in base of power-line pole, marked "672.7"	672.80
Midway, 0.3 mi. n. of, at s. e. cor. of +rds.; spike in tel. pole, marked "670.5"	670.70
Midway, 0.3 mi. n. by 0.5 mi. w. of, on s. side of T rd.; spike in base of fence post, marked "671.9"	672.05
Midway, 0.3 mi. n. by 1 mi. w. of, at s. w. cor. of +rds.; **iron post** stamped "678"	**679.045**
Swanton, 1 mi. n. by 2 mi. e. of, at s. side of T rd. n.; spike in base of teleph. pole, marked "672.3"	672.47
Swanton, 1.5 mi. e. by 1 mi. n. of, s. e. cor. of +rds.; spike in base of fence post, marked "676.2"	676.35
Swanton, 0.5 mi. e. by 1 mi. n. of, at n. e. cor. of+rds.; spike in base of telegraph pole, marked "688.1"	688.21
Swanton, 1 mi. n. w. of, s. w. cor. of +rds.; **iron post** stamped "697"	**696.880**
Swanton, 1 mi. n. w. by 1 mi. w., at s. e. cor. of +roads; spike in base of telephone pole, marked "708.6"	708.74
Swanton, 1 mi. n. w. by 2 mi. w., s. e. corner of +rds.; spike in base of telephone pole, painted "720.8"	720.91
Swanton, 1 mi. n. w. by 2.4 mi. w., s. e. corner of T road s.; spike in base of telephone pole, painted "731.61"	731.81
Delta, 2 mi. n. by 2.5 mi. e. of, at s. e. cor. of +roads; spike in base of cor. fence post, painted "732.3"	732.50
Delta, 2 mi. n. by 2 mi. e. of, at s. e. cor. of +rds.; **iron post** stamped "738".	**738.446**
Delta, 2 mi. n. by 1.3 mi. e. of, n. e. cor. of T rd.; spike in base of cor. fence post, marked "739.3"	739.45
Delta, 2 mi. n. by 0.5 mi. e. of, at n. e. cor. of +rds.; spike in n. side at base of telephone pole, painted "744.4"	744.55

0.5 mi. n. of Crissy n. along rds. to 3 mi. w. of Sylvania

Crissy, 0.5 mi. n. of, s. w. cor. of T rd.; spike in base of tel. pole, painted "650.3".	650.52
Crissy, 1.2 mi. n. of, s. e. cor. of +rds.; spike in base of oak tree, painted "657.4"	657.57
Crissy, 1.5 mi. n. of, at n. e. cor. of T rd.; spike in base of tree, painted "678.7"	678.91
Crissy, 1.7 mi. n. of, n. w. cor. of +rds.; spike in base of cor. fence post, painted "678.8"	679.04
Crissy, 2.4 mi. n. of, at five-point +rds., n. e. cor.; **iron post** stamped "678"	**677.762**
Crissy, 3.1 mi. n. of, n. w. cor. of T rd.; spike in base of tel. pole mkd. "672.1"	671.97
Raab Corners, 3.0 mi. e. of, at n. e. cor. of +rds.; chiseled sq. on stone arch marked "673.1"	673.34
Raab Corners, 2.8 mi. e. of, n.w. cor. of T rd.; spike in tree root, painted "676.7"	676.90
Raab Corners, 2 mi. e. by 0.4 mi. n. of, w. side of rd. forks; spike in base of post painted "676.0"	676.19

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	Feet
Raab Corners, 1.9 mi. e. by 0.5 mi. n. of, n. w. cor. of rd. forks; spike in base of fence post, painted "676.3"	676 53
Glanntown, 2.4 mi. w. by 1 mi. s. of, 0.1 mi. w. of Keeler rd.; spike in base of telephone pole, painted "671.0"	671.24
Glanntown, 2.2 mi. w. by 1 mi. s. of, at n. e. cor. of T rd.; spike in base of cor. fence post, painted "669.8"	669.99
Glanntown, 2.2 mi. w. of, at s. w. cor. of +rds.; **Iron post** stamped "680"	**680.341**
Glanntown, 1 mi. w. of, s. side of T rd.; spike in base of tel. pole, painted "671.2"	671.34
Glanntown, 1 mi. w. of, n. w. cor. of T rd.; spike in base of telephone pole, painted "671.6"	671.75
Sylvania, 3 mi. w. by 1 mi. s. of, at s. e. cor. of + rds.; spike in base of corner fence post, painted "681.2"	681.33
Sylvania, 3 mi. w. of, at n. e. cor. of +rds., 50 ft. n. of ry.; spike in base of telephone pole, marked "684.213"	684.29

2.3 mi. n. e. of Raab Corners w. along rds. to 0.5 mi. w. of Siney

Raab Corners, 1.5 mi. n. e. of, at n. e. cor. of rd. forks; spike in base of cor. fence post, painted "673.1"	673.36
Raab Corners, 0.5 mi. e. by 0.1 mi. n. of, at w. side of fork of road; spike in base of post, painted "676.3"	676.55
Raab Corners, 0.5 mi. e. of, at s. e. cor. of T rd., e. of brg.; **Iron post** stpd. "673"	**673.428**
Raab Corners, 1 mi. w. of, at n. e. cor. of +rds., spike in base of cor. fence post, painted "685.3"	685.55
Raab Corners, 2 mi. w. of, s. w. cor. of +rds.; **Iron post** stamped "701"	**701.602**
Raab Corners, 3.1 mi. w. of, at n. e. cor. of +rds., Fulton-Lucas county line; spike in base of teleph. pole, painted "709.0"	709.38
Raab Corners, 4.1 mi. w. of, at s. e. cor. of +rds.; spike in base of telephone pole, painted "720.0"	720.41
Charaghar, 1 mi. s. of, s. w. cor. of T rd.; spike, fence post base, painted "724.2"	724.60
Charaghar, 1 mi. s. by 0.3 mi. w. of, s. w. cor. of T road; spike in base of cor. fence post, painted "728.5"	728.90
Charaghar, 1 mi. s. by 1.3 mi. w. of, at s. w. cor. of +rds.; **Iron post** stpd. "729"	**729.709**
Charaghar, 1 mi. s. by 1.6 mi. w. of, at n. w. cor. of T rd. n., spike in base of cor. fence post, painted "737.4"	737.87
Charaghar, 1 mi. s. by 2.05 mi. w. of, n. e. cor. of T rd. n.; spike in base of corner fence post, marked "750.2"	750.66
Charaghar, 1 mi. s. by 2.3 mi. w. of, at n. side of T rd. s., spike in base of telephone pole, marked "747.6"	748.07
Charaghar, 1 mi. s. by 3.3 mi. w. of, n. w. cor. of +rds.; spike in base of cor. fence post, painted "749.6"	750.15
Charaghar, 1 mi. s. by 3.7 mi. w. of, s. e. cor. of T rd. s.; spike in base of telephone pole, painted "749.1"	749.61
Charaghar, 1 mi. s. by 4.3 mi. w. of, n. e. cor. of +rds.; spike in base of cor. fence post, marked "751.3"	751.83

Townline east along highways to 3 mi. w. of Sylvania

Townline, sta. on T. & W. Electric Ry., at s. e. cor. of +rds., in n. w. cor. of field; **Iron post** stamped "Prim. Trav. Sta. No. 25—1905—733"	**733.102**
Metamora, 3.7 mi. w. of, s. e. cor. of T rd.; spike in base of cor. fence post, marked "737.7"	737.93

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	Feet
Metamora, 2.7 mi. w. of, s. side of T rd. n.; spike in base of cor. post, marked "732.6"	732.87
Metamora, 1.9 mi. w. of, s. e. cor. of T rd. s.; spike in base of cor. fence post, marked "729.8"	730.15
Metamora, 1.7 mi. w. of, at Champion interurban sta., s. side of T rd. n.; **Iron post** stamped "727"	**727.808**
Metamora, 0.7 mi. w. of, at edge of w. corporation line, at n. w. cor. of T rd. n.; spike in base of fence post, marked "725.3"	725.67
Metamora, 0.4 mi. w. of, s. w. cor. of T rd. s.; spike in tel. pole, mkd. "723.8"	724.19
Metamora, 250 ft. e. of M. E. Church, n. e. cor. of T road n.; spike in base of tel. pole, marked "721.7"	722.06
Metamora, 0.4 mi. e. of, at interurban stop 82, n. e. cor. of +rds.; spike in base of brace post, marked "719.4"	719.79
Metamora, 1.5 mi. e. of, at Treadway interurban sta., Lucas-Fulton county line; **Iron post** stamped "Prim. Trav. Sta. No. 26— 713"	**713.474**
Metamora, 2.7 mi. e. of, interurban stop 55, n. w. cor. of+rds.; spike in base of corner post, marked "710.2"	710.67
Metamora, 3.7 mi. e. of, n. e. cor. of +rds., at Burkey stop; **Iron post** stpd. "704"	**704.986**
Metamora, 4.7 mi. e. of, s. w. cor. of +rd.; spike in tel. pole base, mkd. "697.1"	697.72
Metamora, 5.7 mi. e. of, n. w. cor. of T rd. n.; spike in base of teleph. pole, marked "692.4"	692.99
Metamora, 5.98 mi. e. of, s. w. corner of T rd. s.; spike in base of fence post, marked "690.9"	691.51
Metamora, 6.6 mi. e. of, s. e. cor. of T rd.; spike in base of cor. fence post, marked "690.2"	690.85
Metamora, 6.9 mi. e. of, n. w. cor. of T rd. n.; spike in base of cor. post, marked "687.6"	688.30
Sylvania, 3 mi. w. of, n. e. cor. of +rds., 50 ft. n. of ry.; spike in base of tel. pole	684.29
1 mi. s. of Delta to 3 mi. s. e. of Delta	
Delta, 0.5 mi. e. of sta., at rd.+ing; top of s. rail, marked "704.46"	704.56
Delta, 2 mi. s. by 0.5 mi. e. of, about 200 ft. e. of T road s., on s. side of e.-w. rd. at T road. n.; **Iron post** stamped "691"	**691.255**
Delta n. along highways to 4 mi. n. e. of Lyons (portions of line)	
Siney, 1 mi. n. of, 2 mi. w. by 1 mi. n. of Lytton, n. w. cor. of +rds.; spike in base of telephone pole, marked "749.329"	749.53
Siney, 2 mi. n. of, n. w. cor. of+rds.; spike in base of tel. pole, marked "751.7"	751.95
Lyons, 4 mi. e. of, s. e. cor. +rds.; spike in base of tel. pole, marked "744.4"	744.65

Sycamore Quadrangle

Monnett n. along highway via Broken Sword to Lykens

Monnett, 3.1 mi. n. of, 100 ft. e. of +roads, iron bridge over creek, w. abutment, n. e. corner of bridge seat; chiseled square	973.87
Bucyrus, 3 mi. s. w. of, 0.4 mi. n. of cen. of sec. 16, iron brg. over Sandusky river, n. abutment; s. w. corner of bridge seat; chiseled square	960.28
Bucyrus, about 3 mi. n. w. of, 0.2 mi. s. of n. e. corner of sec. 34, small iron brg. over creek, s. abutment, n. e. corner of bridge seat; square cut	981.72

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	Feet
Holmes Center, 2 mi. s. of, brick schoolhouse, n. w. cor. of +roads, on stone watertable; chiseled mark	992.73
Holmes Center, n. w. cor. of watertable at front entrance to brick schoolhouse; chiseled mark	993.21
Holmes Center, 1 mi. n. of, 2 mi. s. of Broken Sword, s. e. cor. of foundation of frame dwelling of Frank Stillman; **bronze tablet** stamped "987 Col"	**988.522**
Broken Sword, 1 mi. s. of, Carls School, 300 ft. w. of +roads, n. e. corner of, in stone watertable; **chiseled square**	**969.073**
Broken Sword River, n. abut., s. w. cor. of iron brg. over; chiseled square	962.32
Broken Sword, Seel's Machine Shed, 800 ft. s. of +roads, on w. side of rd., 1 ft. w. of s. e. corner of foundation; **bronze tablet** stamped "992 Col"	**993.716**
Broken Sword, 0.9 mi. n. of, stone bridge, 50 ft. w. of +roads, on e. end, n. side of bridge; chiseled square	972.14
Broken Sword, 1.4 mi. n. of, iron brg. over creek, n. e. cor., s. abut.; chiseled sq.	966.51
Lykens, iron bridge over Sycamore Creek, s. w. cor. of n. abutment; **aluminum tablet** stamped "951 Col"	**952.593**
Lykens, 1 mi. n. of, in stone door sill, s. side of brick schoolh.; chiseled sq.	965.17
Lykens, 2 mi. n. of, +roads, on county-line stone, center of rds. s., e. and w.; top of monument	945.11

Nevada along rd. n. to Lemert, thence e. to 1 mi. s. of Broken Sword

Nevada, 0.25 mi. e. of, on n. e. cor. of wall of brg. No. 47; **chisel mark** (Pa.R.R.B.M.)	**928.571**
Lemert, sandstone sill of front door of schoolh., in face of; **aluminum tablet** stamped "981—Col—1902"	**981.929**

Nevada along highway s. to Slingtown Schoolhouse, thence w. and n. via Belle Vernon to McCutchenville

Nevada, 1.25 mi. e. of, n. e. cor. of brg. No. 45; sq. cut (Pa. R. R. B. M.)	**940.210**
Nevada, on s. e. cor. of lower stone step at school bldg.; chiseled cross	926.94
Nevada, in s. front of found'n of schoolh.; **aluminum tablet** stpd. "928 Columbus"	**929.311**
Nevada, 1.0 mi. s. of, at +roads, at South schoolhouse, on highest part of boulder in s. e. cor.; chiseled cross	932.22
Nevada, 2.5 mi. s. of, on n. w. end of stone abut. of iron brg. over Grass Run; chiseled square	913.81
Nevada, 3 mi. s. by 2 mi. w. of, at forks of T rd. s., at schoolh., dist. No. 4, Antrim Tp., in s. e. cor. of stone sill of door; chiseled square	891.78
Nevada, 3 mi. s. by 2 mi. w. of, at T rd. s., schoolh. dist. No. 4, Antrim Tp. in s. e. cor. of found'n; **bronze tablet** stamped "890 Columbus 1903"	**891.043**
Rock Run, Bethel Church, 5 mi. w. of Nevada, in found'n at e. face of n. e. cor. of building; **bronze tablet** stamped "869 Columbus 1903"	**870.001**
Rock Run Church, 1.2 mi. n. of, at+rds., on boulder in s. w. cor.; chiseled sq.	846.39
Oakgrove schoolhouse, 2.8 mi. n. of Rock Run Bethel Church, on n. e. cor. of stone door sill, at T forks of rd. to e.; chiseled square	847.48
Oakgrove schoolh., 0.7 mi. n. of, in s. e. cor. of foundation of Wm. Schoenberger's res.; **aluminum tablet** stamped "836 Columbus 1903"	**836.705**
Belle Vernon, on n. e. cor. of lower step of church; chiseled square	839.03
Belle Vernon, in found'n of church, n. face, n. w. cor. of bldg.; **bronze tablet** stamped "837 Columbus 1903"	**839.269**

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	Feet
Belle Vernon, 0.75 mi. n. w. of, at +roads, on n. w. abut. of iron brg., 250 ft. e. of +roads; chiseled square	805.54

Thornville Quadrangle

Glenford n. along highway to 3.7 mi. s. of Claylick

Brownsville, 2.8 mi. s. w. of, in n. e. corner of brg., in sandstone abutment; **aluminum tablet** stamped "863"	**862.753**
Brownsville, in sandstone found'n of hotel; **aluminum tablet** stamped "951"	**950.978**

Thornville Sta. n. along B. & O. Ry. 7.2 miles

Thornville Sta., 3.4 mi. n. of, 150 ft. w. of ry., in n. e. corner of schoolhouse; **aluminum tablet** stamped "972"	**971.412**

New Salem s. e. along highway to Rushville, thence n. e. to Somerset

New Salem, 1 mi. s. by 2 mi. e. of, 200 ft. e. of rd. fork to s., 30 ft. n. of rd., in sandstone found'n of barn; **aluminum tablet** stamped "1076"	**1076.109**
New Salem, 3.86 mi. s. e. of, in sandstone coping of arch on e. side of rd. and 1064 ft. n. of rd. +ing on w.; **aluminum tablet** stamped "938" (destroyed 1913)	**937.636**
Rushville, 2.5 mi. n. of, in sandstone abut. of cov. brg. n. e. cor. of; chiseled mark	892.81
Rushville, 1.8 mi. n. of, on pipe drain at forks of rd.; chiseled sq. mkd. "953"	953.00
Rushville, on s. w. cor. of street +ing, in n. e. cor. of Linnville Hotel; **aluminum tablet** stamped "1053"	**1053.051**
Rushville, front of station; top of rail marked "862.5"	862.3
Rushville, 1.11 mi. n. e. of, on stone drain at forks of road; chiseled square marked "1016"	1015.49
Rushville, 1.64 mi. n. e. of, on stone, n. e. cor. forks of road; chiseled square marked "1065"	1064.38
Rushville, 2.45 mi. n. e. of, on stone at s. side forks of road; chiseled square marked "965"	964.90
Rushville, 2.80 mi. n. e. of, on stone at n. e. forks of rd.; chiseled sq. mkd. "993"	992.69
Rushville, 2.5 mi. e. of, 2 mi. n. of Avlon, +rds., s. e. cor. of J. Love's farm, 45.6 ft. s. w. of s. w. cor. of T. Griffin's res.; **iron post** stpd. "Prim. Trav. Sta. No. 51	**999.108**
Rushville, 3.84 mi. n. e. of, on stone at s. w. cor. of +roads; chiseled square marked "1056"	1055.55
Rushville, 4.60 mi. n. e. of, on stone, n. e. cor. of crossroads; chiseled square	1052.90
Rushville, 5.30 mi. n. e. of, n. e. abut. of stone culv.; **aluminum tablet** stpd. "973"	**972.486**
Rushville, 6.72 mi. n. e. of, on stone at forks of rd.; chiseled sq. mkd. "1024"	1023.89

Glassrock s. along B. & O. Ry. to Carthon

Chalfants Sta., 33 ft. n. e. of cen. of rd. +ing, in s. w. cor. of field of N. S. Axline; **iron post** stamped "Prim. Trav. Sta. No. 52"	**850.732**
Chalfants, rd. +ing; top of rail	843.8
Somerset, on Reform Church, s. side of Main St. near front entrance; **aluminum tablet** stamped "1091"	**1091.197**
Wellan, in front of station; top of rail	870.9
McElroy, 0.73 mi. n. of, on n. e. abut. of iron brg. at +rds., 50 ft. e. of ry.; **aluminum tablet** stamped "830"	**829.595**

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New Salem easterly along Z. and W. Ry. to point e. of Chalfants P. O. (precise line)

New Salem, in front of station; top of rail	987.9
New Salem, 1.25 mi. n. of, s. w. cor. of abut. of highway bridge over Little Walnut Creek, 531 ft. n. of track; **aluminum tablet** stamped "952"	**951.770**
Thornport (Thornville Sta.), s. w. cor. of schoolh., in stone step; **aluminum tablet** stamped "900"	**899.896**
Thornport, in front of station; top of rail	897.1
Thornport, 2.27 mi. e. of, s. of track, n. w. cor. of retaining wall of highway brg.; **aluminum tablet** stamped "880"	**880.065**
Thornport, 2.93 mi. e. of, at Z. & W. Ry. and B. & O. Ry. +ing; top of rail	875 0
Walser, in front of station; top of rail	873.7
Yost, in front of station; top of rail	859.6
Glenford, in front of station; top of rail	846.6
Glenford, s. e. side of schoolh., on s. w. corner of stone step; **aluminum tablet** stamped "849" (probably destroyed)	**849.109**
Glenford, 30 ft. w. of ry., s. e. cor. of brg. abut.; **aluminum tablet** stpd. "844"	**844.559**
Glassrock, in front of station; top of rail	831.00
Glassrock, 1.20 mi. e. of, s. e. cor. of abut. of brg.; **aluminum tablet** stamped "826" (destroyed)	**825.901**

Thurston Quadrangle

Union Station P. O. w. along B. & O. Ry. to Pataskala, thence s. along highway to Harley Station

Outville, 260 ft. s. of sta., in brg. coping stone; **aluminum tablet** stpd. "1070"	**1069.850**
Pataskala, 1.5 mi. e. of, n. w. of rd. +ing about 60 ft. n. of track, in s. e. cor. of field of Edward Condit, **iron post** stamped "Prim. Trav. Sta. No—35"	**1030.228**
Pataskala, in front of station; top of rail	1005.9
Etna, in n. e. cor. of Methodist Church; **aluminum tablet** stamped "1069"	**1069.378**
Etna, 3 mi. s. of, in found'n of John Weaver's barn; **aluminum tablet** stpd. "1003"	**1002.704**
Ritter schoolh., 400 ft. n. of, s. w. cor. of abut. of small iron brg.; **aluminum tablet** stamped "880"	**879.550**

Union Station P. O. s. along highway to Thurston

Union Station P. O., 2 mi. s. of, in found'n of small house of S. Buckman, 500 ft. w. of rd.; **aluminum tablet** stamped "1006"	**1005.516**
Luray, at German Lutheran Church, in doorstep; **aluminum tablet** stamped "925"	**924.879**
Millersport, n. e. of brg., in s. part of lot owned by Pence and Swisher, 47 ft. due e. of e. rail of T. & O. C. Ry.; **iron post** stpd. "Prim. Trav. Sta. No—46"	**911.517**

Thurston s. along highway to 3.0 mi. s. of Pleasantville, thence w. to Carroll, thence n. to Harley Station

Thurston, 2.5 mi. s. by 1.3 mi. e. of, in s. w. corner of bridge, in sandstone abutment; **aluminum tablet** stamped "885"	**885.277**
Pleasantville, 3.14 mi. s. of, in brick wall of schoolhouse on e. side of road at crossroads; **aluminum tablet** stamped "1027"	**1027.237**

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	Feet
Dumontville, 0.5 mi. s. of, at intersec. of pikes, on abutment of small wooden culvert; chiseled mark	1018.68
Dumontville, in sandstone coping of stone culv. on e. side of pike; **aluminum tablet** stamped "1008"	**1008.156**
Dumontville, 1.74 mi. w. of, road on n., in sandstone abutment of highway bridge; **aluminum tablet** stamped "886"	**886 302**
Dumontville, 2.5 mi. w. of, on sandstone found'n of barn in s. w. corner of road forks, road fork on n.; chiseled mark	897.00
Carroll, just s. of, on stone culv. in n. w. cor. of rd. forks; chiseled mark	840.66
Carroll, s. e. cor. of brg. over canal, in wing wall; **aluminum tablet** stpd."836"	**836.169**
Carroll, 1.07 mi. n. of, on sandstone abut. of highway brg.; chiseled mark	797.81
Carroll, 2.55 mi. n. of, road fork on e., n. e. cor. of bridge, in sandstone abutment; **aluminum tablet** stamped "811"	**810.600**

Pickerington e. via T. & O. C. & Z. & W. Rys. to New Salem (precise line)

Harley, 1.12 mi. e. of, w. end of ry. brg. over cr., s. w. cor. of abutment; **aluminum tablet** stamped "865"	**865.036**
Basil, in front of station, top of rail	866.9
Basil, front of station; top of stone platform; **aluminum tablet** stamped "867"	**867.428**
Baltimore, in front of station; top of rail	868.8
Thurston, n. w. cor. of front steps of schoolhouse; **aluminum tablet** stpd. "886"	**886.379**
Thurston, 2.10 mi. e. of, n. e. corner of highway bridge, 230 ft. s. of track; **aluminum tablet** stamped "935"	**935.167**

Near Kirkersville

Kirkersville, top of milepost on n. side of national road	936.65
Kirkersville, in s. w. cor. of schoolhouse found'n; chiseled cross	939.09

Tiffin Quadrangle

Lykens along highway via Republic to Old Fort

Bloomville, 2 mi. s. of, small iron brg. over Silver Creek, s. abutment n. e. corner of bridge seat; square	924.71
Bloomville, 2 ft. n. of s. w. cor. of Town Hall; **aluminum tablet** stpd."932 Col"	**933.371**
Bloomville, 1 mi. n. of, Honey Creek, s. abut., iron brg. over, n. e. corner; sq.	894.57
Republic, 3 mi. n. by 1 mi. w. of, small wooden bridge over creek, s. abut., n. w. corner; square	814.03
Republic, 5 mi. n. by 1 mi. w. of, n. e. of +rds., brick house of A. J. Rule, s. side of, in foundation of bay window; **bronze tablet** stamped "792 Col"	**792.847**
Lowell, 2 mi. n. e. of, n. e. abut. of iron brg. over Beaver Cr., e. end, s. e. cor.; sq.	715.78
Old Fort, 3.2 mi. e. of, brg. over Beaver Creek, e. abut., n. w. cor. of brg. seat; **bronze tablet** stamped "681 Col"	**681.893**
Old Fort, ry. brg. over Sandusky Riv., e. abut., s. w. cor. of brg. seat; **aluminum tablet** stamped "674 Col"	**675.018**

Zieglers Corners n. e. of McCutchenville along highway via Tiffin and Fort Seneca to Old Fort

Kellers Mills, on s. w. abut. of brg. over Sandusky river; chiseled square	761.28

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	Feet
Tiffin, 5.5 mi. s. of, Bare schoolh., in w. wall of stone culv. over drain, 100 ft. s. of +rds.; **bronze tablet** stamped "803 Columbus 1903"	**803.770**
Ft. Seneca, w. of P. O., at n. e. cor. of schoolh., in n. face of found'n, **bronze tablet** stamped "700 Col"	**701.191**
Old Fort, N. Y. C. & St. L. R. R. crossing; top of north rail	686.0

Republic w. via B. & O. Ry. to 2.5 miles w. of Tiffin (precise line)

Republic, about 0.25 mi. e. of, on B. & O. Ry. undergrade +ing bridge, over Marion State rd., on the top surface of southernmost stone in lower course; **square cut** in outline, marked "859 Republic"	**860.353**
Republic, in s. w. cor. of town hall, on w. side, in vertical face of water table; **aluminum tablet** stamped "883 Col"	**884.146**
Republic, near, 12 telegraph poles w. of milepost 255, on knoll in B. & O. Ry. right-of-way, 39 ft. s. of track; **chiseled square** on top of post lettered "U. S. B. M." (C. & G. S. B. M.)	**872.279**
Seneca, 0.5 mi. w. of signboard, on B. & O. Ry. right-of-way, 547 ft. s. of track, offset in right-of-way fence; **red metal cap** on **iron post** (C. & G. S. B. M. Q5)	**822.517**
Tiffin, about 3 mi. e. of, on B. & O. Ry. right-of-way, in cen. of s. coping of stone arch bridge 58; **copper bolt** (C. & G. S. B. M. R5)	**790 612**
Tiffin, about 1 mi. e. of, on B. & O. Ry. right-of-way, 0.25 mi. w. of milepost 248, and 984 ft. e. of junc. of B. & O. and Penna. Rys., in cen. of s. girder (concrete) of bridge 61; **red metal disk** (C. & G. S. B. M. S5)	**762.468**
Tiffin, at s. w. cor. of courth., w. face, in window sill; **tablet** stamped "757 Col"	**758.242**
Tiffin, on Munroe St. brg. over Sandusky river, in e. side of n. abut., about 2 ft. from guard rail, on second course of stone; **copper bolt** (C. & G. S. B. M. T5)	**741.801**
Tiffin, cor. of Washington and Welmore Sts., at front entrance to Catholic Church, cut in e. end of lower step; **chiseled square** marked "775 Tiffin".	**775.296**
Tiffin, 2.5 mi. w. of, on B. & O. Ry. right-of-way, 1312 ft. w. of milepost 245, in n. end of w. abut. of brg.; **red metal disk** (C. & G. S. B. M. U5)	**761.193**

Toledo Quadrangle

Toledo n. w. to Sylvania, thence e. and s. to Toledo

Toledo, 3.5 mi. from, on s. side of e. abut. of bridge over Tenmile Creek on Monroe St.; +cut, (same as City B. M. No. 42)	520.15
Sylvania, 3 mi. s. by 4 mi. e. of, at corner of secs. 19, 20, 29, and 30, at n. e. cor. of +roads, on culv. top; cross cut	626.28
Sylvania, 3 mi. s. by 2.2 mi. e. of, between secs. 24 and 25, on s. w. cor of w. abut. of brg. over Tenmile Creek where it crosses Central Ave.; +cut.	605.23
Sylvania, 0.25 mi. e. of, on Monroe St., on e. center of top tier of n. abut. of culv., over n. fork of Tenmile Creek; **bronze tablet** stamped "Toledo 639"	**640.016**
Alexis, 0.6 mi. n. of, 0.1 mi. s. of Michigan-Ohio boundary, 1200 ft. n. of Drouillards Hotel, in face of culv.; **bronze tablet** stamped "586 Toledo"	**586.592**
Alexis, 0.4 mi. n. e. of, in s. w. quar. of sec. 6, on n. cor. of n. e. pier at e. end of brg., 300 ft. e. of brickhouse on s. side of road; cross cut	583.47
Alexis, 0.8 mi. s. e. of, in n. e. quar. of sec. 7, on s. cor. of s. pier at e. end of brg., about 600 ft. w. of Mr. Hartop's house; +cut.	583.46
Alexis, 1.5 mi. s. e. of, in sec. 8, in upper tier of s. w. pier at e. end of brg. over Tenmile Creek; +cut (on Maumee Bay Quad.)	579.66
Toledo, at s. e. cor. of New York Ave. and Erie St.; top of fire plug	595.91

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Near Toledo

	Feet
Sylvania, 3 mi. s. by 0.75 mi. e. of, in n. e. corner of culvert on s. side of rd. and 0.25 mi. w. of +roads; cross cut	647.04
Sylvania, 3 mi. s. by 0.3 mi. w. of, on n. e. cor. of culv. at n. side of rd., 400 ft. e. of small house, on s. side of road, ⅓ mi. w. of cor. of secs.; cross cut	653.59
Sylvania, 3 mi. s. by 2 mi. w. of, in n. w. cor. of s. w. culv. at +rds.; + cut	670.37
Holland, in brick found'n, n. side of annex to postoffice; cross cut	637.31
Air Line Junction, 2 mi. w. of, (Twelvemile Reservation), 0.5 mi. s. of L. S. and M. S. Ry., on stone pike, 0.3 mi. e. of +rds., in top tier of cen. slot of culv., at s. side of rd.; **bronze tablet** stamped "Toledo 624"	**625.164**
Toledo and Holland, on pike between, s. side of, on top of e. tier of culvert, 200 ft. e. of Detroit Ave.; cross cut	618.20
Twelvemile Reservation, T. 3, in s. e. quarter of sec. 9, on top tier of n. w. pier head of bridge over Swan Creek; cross cut	591.44
Toledo Insane Asylum, on top of s. culv. in front of entrance; cross cut	616.84
Maumee, at cor. of Conant St., about 2 ft. s. e. of Wayne St., on w. front of Eckers Drug store; cross cut	634.82
Maumee, on bridge over Maumee River, on n. side of bridge, about ⅓ way across from the Maumee side; cross cut	601.30
Waterville, on guard rail, 2 ft. w. of first pier of n. side of bridge over Maumee River, in water; cross cut	621.34
Waterville, on w. side of n. pierhead of bridge over canal; cross cut	638.70
Twelvemile Reservation, T. 1, in n. w. ¼, sec. 29, on s. end of culv. on e. side of first rd. n. from Waterville; +cut	650.74
Monclova, 600 ft. w. of, on n. e. cor. at n. end of middle pier of bridge over Swan Creek; cross cut	629.68
Monclova, 2 mi. s. of, on rd. 0.75 mi. s. of Wabash Ry., on top of pier at w. end of n. abut. of brg. over branch; **bronze tablet** stamped "642 Toledo".	**642.011**
Holland, 0.2 mi. s. of sta., on top tier at w. end of n. pier abut. of brg. over Wolf Creek; **bronze tablet** stamped "Toledo 617"	**617.782**
Lime City, opposite schoolh., in n. w. cor. of foundation of church; **bronze tablet** stamped "Toledo 647"	**648.044**
Perrysburg, 1 mi. s. of, in top tier at e. end of s. pier abutment of brg. over Grassy Creek; **bronze tablet** stamped "636 Toledo"	**636.620**
Walbridge, 1 mi. s. w. of, n. end of w. pier abut. of bridge over Cedar Creek; **bronze tablet** stamped "Toledo 619"	**619.496**

5 mi. s. of Holland to 1.5 mi. s. w. of Holland

Holland, 0.5 mi. s. of, s. w. cor. of +rds.; spike, tel. pole base, painted "636.6"	635.60
Holland, 0.5 mi. s. by 0.5 mi. w. of, on s. side of brg.; projection on e. wing on abut., painted "623.4"	623.44
Holland, 0.5 mi. s. by 1 mi. w. of, s. w. cor. of +rds., 0.25 mi. s. of Albion stop on interurban line; spike in base of teleph. pole, marked "642.2"	642.34

2 mi. w. of Sylvania to Sylvania

Sylvania, 2 mi. w. of, at Centennial schoolh., n. w. cor. of +roads; spike in base of cor. post, painted "678"	678.11
Sylvania, 1.5 mi. s. w. of, at s. e. corner of T rd.; spike in base of teleph. pole, marked "667.5"	667.53

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Alexis s. w. along rds. and C. H. & D. Ry. to Roachton (precise line)

	Feet
Alexis, on top of concrete box culv., under Ann Arbor Ry., just w. of crossing of Ann Arbor Ry. over L. S. & M. S. Ry., on top of s. w. cor.; **chiseled B. M.** (Replaces old B. M. U.)	588.251
Toledo, n. part of city near Maumee Riv., w. side of Summit Ave. and n. cor. of Columbus Ave., on frame bldg.; **copper nail** on e. side of sign (C. & G. S. B. M. Toledo City No. 165)	596.419
Toledo, n. bank of Maumee Riv., 348 ft. above Riv. Place, 4.38 ft. s. of s. edge of flagging in River Park, stone triangulation monument set in ground. Point taken is e. point of **triangle** cut in stone (C. & G. S. B. M. Park △)	601.119
Toledo, n. bank of the Maumee River, on n. abut. of Penna. Ry. brg., e side, on retaining wall, 15 in. w. of n. w. cor. of brg.-seat block and 3 ft. above; **chiseled square**, marked "B. M." (C. & G. S. B. M. V.)	589.117
Toledo, n. e. cor. of Water and Madison Sts., on s. w. cor. of traction power house, on top of sandstone water table where brick begins, 3 ft. above sidewalk; marked by **chiseled square** (C. & G. S. B. M. power house)	582.703
Toledo, on United States custom office bldg., s. e. cor. of Madison and St. Clair Sts., 15 ft. s. of s. side of entrance on St. Clair St., on s. face of pilaster angle, 6 in. e. of w. face and 4.9 ft. above ground; **brass bolt** marked with horizontal line (C. & G. B. M. W.)	603.888
Toledo, n. w. cor. of customhouse bldg., + cut on top of water table where sandstone begins; outer quar. of **cross** (C. & G. S. B. M. postoffice)	602.560
Toledo, s. w. cor. of Madison and Summit Sts., on n. e. cor. of water table of Roberts' drug store; **cross** (C. & G. S. B. M. Toledo City No. 44)	596.370
Toledo, on e. abut. of Penna. Ry. brg. over Maumee Riv., n. of tracks, on coping stone 9 in. n. of n. side of guard timber of tracks; highest pt. at northerly part of a **cross** (C. & G. S. B. M. Toledo City No. 296)	590.352
Perrysburg, about 3 mi. n. of, on rd. to Toledo (on which electric ry. runs), 480 ft. n. of August Broke's house, in w. face of culv. under rd., 26 in. n. of of n. spring of arch and 28 in. above top of arch (underside); **brass bolt** marked with horizontal line (C. & G. S. B. M. X.)	603.129
Perrysburg, 1,043 ft. s. of sta., on w. end of culv., under C. H. & D. Ry. track, 32 in. n. of spring line and 18 in. above it; **brass bolt** 26 in. above ground, marked with horizontal line (C. & G. S. B. M. Y.)	615.696
Roachton, n. of n. line of Middleburg township, 300 ft. w. of C. H. & D. Ry. track, in found'n of res. of W. C. Parrin, cen. of e. side, in e. face of bay window, 2.2 ft. s. of n. angle and 1.8 ft. above ground, in 2nd. brick below water table; horizontal line in **brass bolt** leaded horizontally (C. & G. S. B. M. Z.)	647.595

Troy Quadrangle

5 mi. s. e. of Sidney e. along highway to county line

Sidney, 3.5 mi. e. by 1.8 mi. s. of, at n. e. cor. of T rd. n., 25 ft. n. by 20 ft. e. of junc.; **iron post** stamped "Prim. Trav. Sta. No. 36—1909—Ohio—1078"	1077.550
Sidney, 5.8 mi. s. w. of, at s. w. cor. of + rds.; chiseled sq. on large granite rock	1072.10
Sidney, 6.5 mi. s. e. of, 0.25 mi. e. of n. w. cor. of sec. 13; **iron post** "1085 Ohio".	1085.337
Plattsville, 1.4 mi. n. e. of, at s. end of culv. at s. e. cor. of + rds., near n. w. cor. of sec. 7; chiseled sq. on large granite rock	1073.95
Tawawa, 1.1 mi. n. e. of, on w. side of rd., opposite T rd. e., 0.1 mi. n. of s. e. cor. of sec. 2; chiseled sq. on large granite rock	1095.60
Tawawa, 1.7 mi. n. e. of, at s. e. cor. of + rds., 0.5 mi. e. of s. w. cor. of sec. 32; **iron post** stamped "1090 Ohio"	1090.060

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Kirkwood e. to cor. of Champaign, Miami, and Shelby Counties

	Feet
Kirkwood, 2 mi. e. of, on Kirkwood pike, at cen. of +rds.; sq. cut on section stone, painted "1035.6"	1035.67
Kirkwood, 3.5 mi. e. of, on Kirkwood-Bull pike, n. e. cor. of sec. 10; copper B. M. nail in telephone pole	1069.35
Kirkwood, 5 mi. e. by 1.5 mi. s. of, s. e. cor. of +rds.; **iron post** stpd. "1076 Ohio"	**1075.662**
Ballou, 1 mi. s. of, intersec. of +rds.; sq. cut on large stone	1113.08
Ballou, 1 mi. s. by 1 mi. e. of, on county line rd., n. e. cor. of +rds., s. e. cor. of sec. 10; **iron post** stamped "1119 Ohio"	**1119.19**
Intersection of Miami, Shelby, and Champaign county lines, s. e. cor. of; sq. cut on large stone	1150.97

Piqua e. along highway to St. Paris

Piqua, 1.5 mi. e. of, at +ing of Penn. and C. H. & D. Rys., on latter ry., 50 ft. n. of +ing; top of sq. nut in bond plate of w. rail	903.84
Garbry school, s. w. cor. of sec. 13, in n. e. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 37—1909—980—Ohio"	**980.160**
Piqua, 4 mi. e. of, on rd. culv., 100 ft. e. of +rds.; sq. cut on n. wing wall	992.48
Piqua, 4.5 mi. e. of, in n. e. cor. of +rds.; **iron post** stamped "1004 Ohio"	**1004.121**
Fletcher, 1 mi. w. of, on stone steps of schoolh., at +rds.; sq. cut	1026.94
Fletcher, on concrete steps of post office; square cut, painted "1053"	1053.42
Fletcher, 0.5 mi. e. of, in s. e. cor. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 41—1909—1064—Ohio"	**1063.863**
Fletcher, 1.5 mi. e. of, on s. w. cor. of water trough in school yard, s. w. cor. of +rds.; square cut	1093.70
Lena, 0.5 mi. w. of, in s. e. cor. of schoolh. yard, at n. e. cor. of +rds.; **iron post** stamped "1129 Ohio"	**1129.056**
Lena, on large stone n. w. cor. of +rds., 200 ft. e. of P. O.; sq. cut painted "1136"	1136.28
Lena, 1 mi. e. of, in n. w. cor. of +rds.; copper B. M. nail in root on s. side of large elm tree	1168.21

Christiansburg w. along highway to Troy

Christiansburg, in n. w. cor. of schoolh. yd.; **iron post** stamped "1116 Ohio"	**1116.078**
Christiansburg, 3 mi. w. of, on Addison rd., in s. e. cor. of pike and T rd. s.; **iron post** stamped "1056 Ohio"	**1056.004**
Christiansburg, 3.5 mi. w. of, on Addison rd., n. w. cor. of T rd. n.; sq. cut on large stone	1044.08
Casstown, 1.5 mi. e. of, on Addison rd., s. e. cor. of +roads; sq. cut on large stone, painted "995"	994.91
Casstown, in front of town hall, n. w. cor. of +rds.; **iron post** stpd. "937 Ohio"	**937.170**
Casstown, 0.5 mi. w. of, on Addison rd., n. w. cor. of T rd. n.; sq. cut on stone	908.16
Casstown, 1.5 mi. w. of, on Addison rd., n. w. corner of pike and +roads; sq. cut on large stone	894.68
Troy, 2.5 mi. e. of, Addison rd., s. e. cor. of T rd. s.; **iron post** stpd. "834 Ohio"	**833.671**
Troy, 2 mi. e. of, on Addison rd., in e. side of teleph. pole at cen. of + and T roads; copper B. M. nail	838.98

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0.5 mi. w. of Casstown n. along highway to pt. near Fletcher

	Feet
Casstown, 0.5 mi. w. by 2 mi. n. of, s. w. corner of +roads, in front of residence of J. McDowell; **iron post** stamped "952 Ohio"	952.261
Fletcher, 1 mi. w. by 2 mi. s. of, s. w. corner of Lost Creek pike; **iron post** stamped "989 Ohio"	988.897
Fletcher, 1 mi. w. by 1 mi. s. of, on e. side of telephone pole, s. w. corner of T road e.; copper B. M. nail	1001.61
Fletcher, 1 mi. w. of, on St. Paris rd. on stone steps of schoolh. at +rds.; sq. cut	1026.94

Conover s. along highway to point w. of Christiansburg

Conover, Pennsylvania R. R. crossing; top of rail	1134.46
Conover, 1.5 mi. s. of, on sec. stone at cen. of +roads, cor. of secs. 11, 5, 10, and 4; square cut	1125.09
Conover, 2.5 mi. s. by 1 mi. w. of, on Extension pike, s. e. corner of T road n.; **iron post** stamped "1088 Ohio"	1088.414

Christiansburg to South McKendre Church

Christiansburg, 2 mi. s. of, in n. e. cor. of +rds.; **iron post** stpd. "1063 Ohio"	1063.346
Alcony, 2 mi. e. by 0.5 mi. n. of, n. e. cor. of +rd. and T rd.; sq. cut on large stone	1057.06
Alcony, 1 mi. e. of, on n. w. cor. of pike and +rd.; sq. cut on large stone	1008.27

Bench Mark set from levels on Dayton Quadrangle

Grayson Sta., 0.5 mi. n. of, Walnut Grove schoolh., forks of rd. to e., 800 ft. s. of rd fork w. to Troy, in face of front door sill; **aluminum tablet** stamped "838 Columbus"	837.939

Troy s. w. 1.8 mile

Troy, 1.8 mi. s. w. of, in extreme s. e. cor. of sec. 30, Concord Twp., at n. w. corner of crossroads; **iron post** stamped "888"	888.128

Bench Mark near Lockington

Lockington, 0.3 mi. n. w. of, on e. side of n.-s. rd., at T rd. e.; **iron post** stpd. "884"	883.848

Sidney s. along C. H. & D. Ry. to Troy (precise line)

Kirkwood, on schoolh. (Pontiac school), on e. face, cen. of second pilaster from s. end, on watertable, about 2 ft. above ground; **brass bolt**, marked with horizontal line (C. & G. S. B. M. I2)	986.092
Spring Creek Tp., on line of C. H. & D. Ry., midway between Kirkwood and Piqua, on brg. over Bush Creek, e. end of w. abut., brg. seat course, 6 ins. from e. and s. faces; **chiseled square** (C. & G. S. B. M. J2)	934.258
Piqua, C. H. & D. Ry. culv. 26, over Albino pike, n. e. quar., on cen. of e. stone of bridge seat course; highest point circumscribed by 1 in. **square** lettered "U. S. C. & G. S." (C. & G. S. B. M. K2)	898.948
Piqua on Penna. Ry., n. end of e. abut. of brg. over Miami Riv., top of brg. seat course, 14 in. n. of truss and 8 in. back from face; highest point of 4-in. **square** on side (C. & G. S. B. M. Pennsylvania R. R.)	865.427
Piqua, s. w. cor. of +ing of Downing St. and P. C. C. & St. L. Ry., n. e. cor. of malt house of J. G. Schmidlapp (1889), on watertable, 3.9 ft. above sidewalk and 3.28 ft. s. of cor.; **brass bolt**, mkd. with horizontal line (C. & G.S.B.M. L2)	876.864
Farrington, on Miami & Erie Canal, 3 mi. s. of Piqua, lock built by Isaac Van Ness (1835), on w. side of tumble on n. w. cor. of coping stone, 6 in. from either face; **chiseled square** (C. & G. S. B. M. M2)	855.212

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	Feet
Troy, 2.5 mi. n. of, Miami & Erie Canal lock, e. jaw of lock, e. coping stone of wall, 6 in. from s. face and 18 in. from e. end of wall; **chiseled square** (C. & G. S. B. M. N2)	**844.520**
Troy, on Miami & Erie Canal, Troy lock, e. jaw, on coping stone, w. of e. end of wall and 6 in. n. of s. face; **chiseled square** (C. & G. S. B. M. O2)	**835.440**
Troy, s. w. cor. of courth., on s. face, 2.46 ft. from w. cor. and 3.9 ft. above ground; **brass bolt**, marked with horizontal line (C. & G. S. B. M. P2)	**841.048**
Troy, s. side of Miami St. n. e. cor. of first house w. of Lutheran Church; top of **water table** (C. & G. S. B. M. Troy City)	**837.685**
Troy, southern limit of town, intersec. of Miami & Erie Canal and C. C. C. & St. L. Ry., on e. abut. of ry. brg. over canal, on w. face of abut., 4.3 ft. above ground and 7.2 ft. n. of s. end of abut.; **brass bolt**, marked with horizontal line (C. & G. S. B. M. Q2)	**831.146**
Troy, 1.2 mi. s. of, on Miami & Erie Canal, s. end of lock, e. side, 13 ft. s. of king post at beginning of curve on n. w. cor. of coping stone; surface circumscribed by **square** 1.2 ins. on a side (C. & G. S. B. M. R2)	**827.278**

Uhrichsville Quadrangle

At Station Fifteen Postoffice

Station Fifteen P. O., P. C. C. & St. L. Ry.; stone brg. No. 86, n. e. wing wall, on n. e. coping of; **aluminum tablet** stamped "868 Steubenville"	**868.376**

Tennett tunnel n. to Tippecanoe and 0.8 mi. e. of

Tippecanoe, on s. w. cor. of Daviess and Spencer Sts., n. foundation wall of dwelling on; **bronze tablet** stamped "882 Steubenville"	**882.233**
Tippecanoe, 0.8 mi. e. of, cov. brg. over Brushy Fork, on s. wing wall, of e. abut; chiseled square	870.12

Joyce n. along Pennsylvania Railroad to near Canal Dover
(Part of adjusted line—New Comerstown to Canal Dover—
the closure error of which was excessive.)

Joyce, 1.1 mi. n. of, 25 ft. w. and 10 ft. s. of rd. +ing; **iron post** stamped "873"	**872.644**

Port Washington e. along Penna. Ry. to Uhrichsville (precise line)

Port Washington, 3.88 mi. e. of, 414 ft. n. of ry., in top of s. e. cor. of stone abut. for locks of canal; **aluminum tablet** stamped "834"	**834.859**
Lock No. 17, in front of station; top of rail	831.1
Gnadenhutton, 35 ft. n. of ry., in front of sta.; **iron post** stamped "834"	**834.549**
Gnadenhutton, in front of station; top of rail	836.3
Tuscarawas, in front of station; top of rail	844.3
Tuscarawas, 0.24 mi. n. e. of station, in top of n. w. cor. of abut. to bridge over highway; **aluminum tablet** stamped "844"	**844.738**

Uhrichsville e. along Penna. Ry. to Station Fifteen P. O.
(precise line)

Uhrichsville, in front of Pennsylvania station; top of rail	856.8
Uhrichsville, 0.52 mi. e. of, 3 ft. s. of ry. track, 2 ft. from ground, in stone found'n of overhead highway brg.; **aluminum tablet** stamped "861"	**861.251**
Dennison, in front of station; top of rail	861.8

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Dennison, 0.46 mi. e. of, stone abut. of brg. over creek; (Pa. Ry. B.M. 856.14)	**858.761**
Dennison, 3.49 mi. e. of, in n. e. coping of n. w. wing wall of stone arch brg. No. 86; **aluminum tablet** stamped "868 Steubenville"	**888.376**

New Philadelphia s. e. to 1 mi. n. of Uhrichsville (precise line)

New Philadelphia, 1 mi. n. w. of, at milepost 71; **section of rail** set vertically in ground (B. & O. B. M. 39)	**888.193**
New Philadelphia, at milepost 70; **section of rail** set vertically in ground (B. & O. B. M. 40)	**878.525**
New Philadelphia, about 0.5 mi. s. e. of, in n. w. end of s. w. coping of culv.; **copper bolt** (B. & O. B. M. 41)	**866.580**
New Philadelphia, about 2 mi. s. e. of, on n. e. side of tracks at milepost 68; **rail section** (B. & O. B. M. 42)	**859.046**
New Philadelphia, about 3 mi. s. e. of, in s. w. end of s. e. abut. of bridge at telegraph pole 67.1; **copper bolt** (B. & O. B. M. 43)	**855.963**
Goshen, about 0.8 mi. n. w. of, in cen. of mud wall of s. e. abut. of bridge at telegraph pole 66.18, n. e. of tracks; **copper bolt** (B. & O. B. M. 44)	**855.682**
Goshen, 0.5 mi. s. e. of, n. e. side of tracks at teleg. pole 65.15; **rail section** (B. & O. B. M. 45)	**850.456**
Midvale, 0.25 mi. w. of, in s. end of e. abut. of brg. at teleg. pole 64.15; **copper bolt** (B. & O. B. M. 46)	**849.848**
Midvale, 0.5 mi. s. e. of, s. w. of track in mud wall of s. e. abut. of bridge at telegraph pole 63.20; **copper bolt** (B. & O. B. M. 47)	**853.141**
Uhrichsville, about 1 mi. n. of, in w. end of mud wall of s. abut. of undergrade highway +ing brg. near milepost 62; **copper bolt** (B. & O. B. M. 48)	**862.029**

Upper Sandusky Quadrangle

Forest e. along P. Ft. W. and C. Ry. to Rock Run

	Feet
Forest, 2 mi. e. of, in next to top coping stone at s. e. cor. of culv.; **aluminum tablet** stamped "907 ADJ 1903"	**906.750**
Forest, 2 mi. e. of, n. e. cor. e. abut. of ry. brg. No. 88, (Ry. B. M.); **chisel mark**	**908.427**
Kirby, in e. face of s. e. corner of D. E. Maxwell's elevator; **aluminum tablet** stamped "879 ADJ 1903"	**878.648**
Upper Sandusky, 6 mi. w. of, at n. e. cor. of coping of ry. culv. No. 81, (Ry. B. M.); chisel square	865.36
Upper Sandusky, 3.5 mi. w. of, at n. e. cor. of e. abut. of Pa. Ry. brg. No. 76, in stone 2 ft. above brg. seat; **aluminum tablet** stamped "836 ADJ 1903"	**835.668**
Upper Sandusky, 10 ft. e. of Hocking Valley Ry. and 50 ft. s. of Pennsylvania Ry., in stone post; **bronze tablet** (triangulation) stpd. "856 ADJ 1903"	**855.390**
Upper Sandusky, right side vestibule to main entrance at w. side of Wyandot County Courthouse; **aluminum tablet** stamped "862 ADJ 1903"	**861.698**

Upper Sandusky via H. V. Ry. n. w. to Carey thence s. w. via Big Four

Upper Sandusky, 3.5 mi. n. w. of, 50 ft. w. of Hocking Valley Railroad, at n. e. cor. of e. abut. of railroad bridge, chisel mark	817.02
Lovell, in s. face of s. w. cor. of M. E. Church; **aluminum tablet** "816 ADJ 1903"	**815.567**
Crawford, 450 ft. e. of ry. +ing, in s. e. cor. of ry. brg., in next to top coping stone; **aluminum tablet** stamped "809 ADJ 1903"	**807.993**

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	Feet
Carey, in w. face of n. w. cor. M. E. Church, on Main St.; **aluminum tablet** stpd. "825 ADJ 1903"	**824.178**
Carey, 1.5 mi. s. w. of, Big Four Ry. +ing, on s. e. cor. of culv.; chisel mark	838.94
Carey, 4 mi. s. w. of, 0.5 mi. s. w. of rd. +ing, in next to top stone, at s. e. cor. of culv.; **aluminum tablet** stamped "856 ADJ 1903"	**855.188**
Wharton, in w. face of n. w. cor. of Howards Block, 160 ft. back of Big Four sta.; **aluminum tablet** stamped "883 ADJ 1903"	**882.060**
Zieglers Corners southwest to McCutchenville	
McCutchenville, in n. face of watertable of school building; **bronze tablet** stpd. "799 Columbus 1903"	**800.220**
Forest s. e. along road 3.7 mi. on county line	
Forest, 1.6 mi s. e. of, s. w. cor. of T rd. e., in front of res. of Wm. Lindsay, on line between Hardin and Wyandot counties, on large rock; chiseled sq.	941.50
Forest, 2.5 mi. s. of, at T rd. e., e. on line between Hardin and Wyandot counties in abut.; bolt head	910.96
Forest, 3.7 mi. s. of, on Wyandot and Hardin county line, on e. abut. n. side of small iron brg. at +rds.; chiseled square	909.41
4.9 mi. s. of Upper Sandusky to Upper Sandusky	
Upper Sandusky, 4.9 mi. s. of, 0.3 mi. s. of large brick house, res. of Charles Muller, on n. w. cor. of n. abut. chiseled square	882.11
Upper Sandusky, 3.4 mi. s. of, 1000 ft. n. of A. L. Johnson's res., on s. abut., w. side of iron brg.; chiseled square	863.56
Upper Sandusky, 2.25 mi. s. of, in base of teleph. pole at Marseilles pike and H. V. Ry. +ing; spike	864.21
Upper Sandusky, 1.6 mi. s. of, 40 ft. s. of ry. +ing, in base of teleg. pole; spike	864.66

Vanceburg Quadrangle

Tulip to Rome (Stout postoffice)	
Tulip, 0.5 mi. s. w. of, on w. side of highway at T rd., in front of Lasty Spire's residence, on limestone rock; chiseled circle	784.03
Tulip, 0.8 mi. s. of, at T road; **iron post** stamped "808"	**808.155**
Tulip, 1.8 mi. s. of, w. of highway at road forks, foot of Rodgers Hill, on stone; chiseled circle	798.76
Rome, 3.1 mi. n. w. of, w. of rd., in front of school bldg., district 2, Green township, in root of large elm tree; spike	564.88
Rome, 0.8 mi. n. of, w. end of stone culv. under pike at road forks in front of W. Tracy's residence; chiseled circular mark	513.75
Bench Mark near Buena Vista	
Buena Vista, 0.5 mi. e. of, at n. w. cor. of +rds., 30 ft. w. of cen. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 9—1910—Ohio—515"	**515.087**
Wrightsville via Rome to Buena Vista	
Wrightsville, 3.6 mi. e. of, 0.5 mi. n. w. of large steel brg. over Ohio Brush Creek, n. e. cor. of road forks; **iron post** stamped "544"	**544.810**

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	Feet
Rome, +ing of Main and Second Sts., 50 ft. s. e. of cen. of +rds.; **iron post** stamped "Prim. Trav. Sta. No. 16—1910—524"	**524.737**
Rome, 1.8 mi. n. e. of, near T road n. and private road s., center of rd. fork made by road n.; **iron post** stamped "579"	**580.212**
Sandy Springs, opposite Vanceburg, Ky., in s. e. corner of T road s. to Ohio River; spike in root of hickory tree	575.61
Buena Vista, 1 mi. s. w. of, on n. wing of e. abutment at n. e. cor. of small iron bridge over Rock Run; chiseled cross	513.60
Tulip to Beasleys Fork	
Tulip, 2.8 mi. s. w. of, at Waggoner Ripple, s. of highway at Y road in front of old mill; spike in root of large sycamore tree	516.61
Beasleys Fork, 4.3 mi. e. of, s. w. cor. of stone abut. of iron brg. over Black Run, about 400 ft. e. of road forks; chiseled circle	509.93
Beasleys Fork, 3 mi. e. of, Cedar College, at rd. forks; **iron post** stamped "550"	**550.678**
Portion of line from Pink to McGaw	
Pink, 5 mi. s. e. of, road forks at mouth of Brushy Fork, e. of road, 20 ft. n. w. of apple tree; **iron post** stamped "882"	**882.095**
Pink, 6 mi. s. e. of, e. of road on creek bank, driven in root of small 12-inch sycamore tree; head of spike painted "828.2"	828.23
On left shore of Ohio River (precise line of Army Engineers')	
Vanceburg, Ky., cor. Second and Court Sts., Army Engineers' U. S. B. M. 377-A, on Soldiers' Monument in Court House yard; on base of s. side of monument; **cut**, Elev. 528.242	**527.728**
Brush Creek Island, 2000 ft. downstream, Army Engineers' U. S. B. M. 387-A, on C. & O. Ry. culv. over Cummings Branch, on east wing wall of n. end; **cut** on 10th stone below coping, Elev. 484.768	**484.251**
Concord, Ky., near upper end of, Army Engineers' U. S. B. M. 389-A; on river face of n. w. pier of C. & O. Ry. brg. over Sycamore Creek, 45 ft. below top of rails; **cut**, Elev. 471.817	**471.300**

Van Wert Quadrangle

9 mi. s. of Van Wert n. along rd. to 2.5 mi. n. w. of Hoaglin

Van Wert, 8 mi. s. of, at Erie Ry. crossing, about 3 mi. s. e. of Ohio City, on n. side of track; **iron post** stamped "810"	**809.639**
Van Wert, 5.3 mi. s. of, at rd. +ing near Painter School; **iron post** stpd. "809"	**809.923**
Van Wert, 4.2 mi. s. of, at rd. +ing, in front of J. W. Nicodemus' residence; spike in base of telephone pole	801.58
Van Wert, 3 mi. s. of, in front of Ed. Knodel's res. at T rd.; spike in fence post	802.61
Van Wert, 1.8 mi. s. e. of, at trolley rd. +ing; **iron post** stamped "788"	**787.669**
Van Wert, 10 ft. n. of n. e. cor. of courth.; **iron post** stamped "786"	**785.759**
Van Wert, 1.9 mi. n. of, at lane leading to Chas. Kesler's res.; copper nail in s. e. corner of floor of iron bridge	764.41
Van Wert, 2.4 mi. n. e. of, at rd. +ing; spike in base of telephone pole	764.96
Van Wert, 3.2 mi. n. e. of, at rd. +ing, on s. w. corner of stone abut. of iron bridge; chiseled circle	759.86

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	Feet
Van Wert, 4.1 mi. n. e. of, in cor. of school lot, (sub district No. 1, Hoaglin township), at rd. +ing; **iron post** stamped "756"	**755.963**
Van Wert, 5.2 mi. n. e. of, on s. w. cor. of w. abut. of iron brg.; chiseled circle	751.78
Cavett, 1.5 mi. e. of, on s. e. corner of stone culvert at Hoaglin Twp. school (district No. 6), at road crossing; chiseled circle	750.03
Cavett, 1.5 mi. e. by 1 mi. n. of, at rd. +ing, in front of Grand Victory Evangelical Church; spike in base of telephone pole	747.37
Scott, 1.5 mi. e. by 1 mi. s. of, at rd. +ing, in s. w. cor. of Foust school lot; **iron post** stamped "743"	**742.552**
Scott, 2.5 mi. e. by 1 mi. s. of, at rd. +ing, 1 mi. e. of Foust school; spike in base of telephone pole	742.57
Hoaglin, 2 mi. n. by 1 mi. w. of, at rd. +ing, in front of Hoaglin Twp. school (subdistrict No. 8); n. end of iron culvert	737.06

Van Wert n. w. along rds. via Convoy to 4.3 mi. n. w. of Convoy

Van Wert, s. e. cor. of courthouse yard.; chisel mark on top of stone wall; marked "785.926"	785.97
Van Wert, at +ing of Ohio Elec. Ry. and Cincinnati Northern Ry.; top of rail	783.7
Van Wert, 1.6 mi. n. w. of, n. w. cor. of +rds.; spike in base of teleph. pole marked "785.1"	785.12
Van Wert, 2.7 mi. n. w. of, s. e. cor. of +rds.; spike in base of telephone pole, marked "787.477"	787.52
Van Wert, 3.8 mi. n. w. of, n. e. cor. of +rds.; **iron post** stamped "776"	**776.247**
Van Wert, 5 mi. n. w. of, n. w. cor. of +rds.; spike in base of teleph. pole, marked "779.3"	779.38
Van Wert, 6.3 mi. n. w. of, n. e. cor. of T rd. n.; spike in base of fence post, marked "784.1"	784.13
Van Wert, 6.8 mi. n. w. of, s. e. cor. of T rd. s.; spike in base of fence post, marked "787.9"	787.87
Convoy, in cen. of town, n. e. corner of +roads; chiseled sq. on stone curb marked "784.1"	784.18
Convoy, 0.2 mi. n. of center of town, w. side of road, n. end of gate to field; **iron post** stamped "784"	**783.906**
Convoy, 1 mi. n. of, n. w. cor. of +roads; spike in base of telephone pole, marked "778.9"	778.96
Convoy, 1.8 mi. n. of, s. w. cor. of +rds. at Davis schoolhouse; spike in base of telephone pole, marked "776.8"	776.83
Convoy, 3 mi. n. w. of, at Mount Pleasant Church, 110 ft. w. of +roads, on s. side of road, at w. end of gate to field; **iron post** stamped "776"	**776.371**
Convoy, 4.3 mi. n. w. of, in s. w. cor. of +rds.; spike in base of teleph. pole, marked "776.28"	776.27

Convoy s. along highways to 1 mi. n. of Schumm

Convoy, 1 mi. s. of, n. w. cor. of +rds., spike in fence post base, marked "787.8"	787.91
Convoy, 2 mi. s. of, s. w. cor. of +roads at schoolhouse; **iron post** stamped "Prim. Trav. Sta. No. 17—1909—Ohio—792"	**792.453**
Convoy, 3.25 mi. s. of, n. w. cor. of +rds.; spike in fence post base, mkd. "801.9"	802.05
Convoy, 4.5 mi. s. of, n. e. cor. of +rds.; spike in base of post, marked "806.2"	806.37
Convoy, 5.5 mi. s. of, s. w. cor. of +rds.; **iron post** stamped "809"	**808.842**
Convoy, 6.5 mi. s. of, n. e. cor. of +rds.; spike in base of post, marked "815.1"	815.24

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	Feet
Convoy, 7.5 mi. s. of, n. w. cor. of T road w.; spike in base of mailbox post, marked "822.5"	822.70
Glenmore, 1 mi. n. by 0.5 mi. w. of, n. w. cor. of T road n.; spike in base of fence post, marked "820.4"	820.61
Wren, 2.5 mi. e. of, s. e. cor. of +rds.; **Iron post** stamped "826"	**826.171**
Glenmore, 1.5 mi. w. of, s. e. corner of +roads, spike in base of fence post, marked "812.55"	812 80
Schumm, 1 mi. n. of, at. s. w. cor. of +roads; spike in base of fence post, marked "824.6"	824.84
Schumm, 0.5 mi. n. of, n. w. cor. of T rd. w.; spike in base of post, mkd. "832.8"	833.06
Schumm, at rd. +ing T. St. L. & W. Ry.; top of rail, marked "843.8"	844.1
Schumm, at T. St. L. & W. Ry. +ing, 25 ft. n. by 25 ft. e. of cen.; **Iron post** stamped "Prim. Trav. Sta. No. 16—1909—Ohio—841"	**841.629**

1 mi. s. of Ohio City n. along rds. to 1 mi. n. by 2.5 mi. w. of Scott

Ohio City, 1 mi. s. of, 4.5 mi. n. of Rockford, at n. e. cor. of +rds.; **Iron post** stamped "Prim. Trav. Sta. No. 15—Ohio—1909—829"	**828.704**
Ohio City, 0.5 mi. w. of, at n. w. cor. of +roads; nail in corner fence post, painted "822.5"	822.57
Ohio City, 0.25 mi. w. of, at road +ing, in n. w. corner of +ing, 60 ft. n. of track; spike in telephone pole, painted "822.3"	822.39
Ohio City, 0.5 mi. w. by 1 mi. n. of, at s. w. cor. of +roads; spike in teleph. guy pole, painted "816.1"	816.19
Ohio City, 0.5 mi. w. by 2 mi. n. of, in n. w. cor. of +rds.; **Iron post** stamped "811 Ohio"	**811.327**
Ohio City, 3.5 mi. n. of, at n. e. corner of +roads; spike in base of cor. fence post, painted "797.2"	797.33
Ohio City, 4 mi. n. of, at n. e. cor. of +rds., 150 ft. s. e. of Pleasant township school (subdistrict No. 4), spike in telephone pole, painted "796.2"	796.33
Ohio City, 5 mi. n. of, 3 mi. s. w. of Van Wert, on section line, 400 ft. n. of J. R. Kreider's residence; **Iron post** stamped "792 Ohio"	**791.682**
Van Wert, 2.25 mi. w. by 1 mi. s. of, at n. e. corner of +roads; spike in fence post, painted "788.9"	789.06
Van Wert, 2.25 mi. w. of, at n. e. cor. of +rds.; spike in base of cor. fence post, painted "779.4"	779.55
Van Wert, 2.8 mi. n. w. of, at rd. +ing, 200 ft. s. of district schoolh.; top of s. rail of e. bound track, painted "777.3"	777.43
Van Wert, 2.25 mi. n. by 2.25 mi. w. of, at T rd. e. in s. e. cor., in cor. fence post opposite H. S. McClure's residence; spike, painted "768.0"	768.10
Van Wert, 3.25 mi. n. by 2.25 mi. w. of, s. w. cor. of +rds., 150 ft. e. of McClure School, Union Township (subdistrict No. 8); **Iron post** stamped "765 Ohio"	**765.562**
Van Wert, 2.25 mi. w. by 4.25 mi. n. of, at n. e. corner of T road e.; spike in corner fence post, painted "763.0"	763.12
Cavett, 2.5 mi. w. of, 150 ft. e. of Centre school, 100 ft. n. of Union Centre Church, n. e. corner of +roads; spike in teleph. guy pole, painted "759.9"	760.05
Cavett, 2.5 mi. w. by 1 mi. n. of, 150 ft. e. of C. L. Gordon's store, in n. e. corner of +roads; **Iron post** stamped "756 Ohio"	**755.818**
Cavett, 2.5 mi. w. by 2 mi. n. of, 200 ft. n. w. of School No. 2, n. e. cor. of +road; spike in telephone pole, painted "751.5"	751 62
Scott, 2.5 mi. w. of, s. w. cor. of +rds.; spike in cor. fence post, painted "749.4"	749.52

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1.5 mi. n. e. of Scott to 1.5 mi. e. of Scott

Scott, 0.5 mi. e. of, at s. w. cor. of +rds.; spike in tel. pole, painted "740.8"	740.92
Scott, 1.5 mi. e. of, n. side of road, at head of T road s.; spike in telephone pole, painted "738.0"	738.23

St. Paul Church s. along highways to 3 mi. n. w. of Convoy

Convoy, 4 mi. n. by 1 mi. w. of, 90 ft. n. e. of Sugar Grove Church, at +rds.; painted circle on n. wall of concrete culvert, painted "766.8"	766.88
Convoy, 3 mi. n. by 1 mi. w. of, at n. w. corner of +roads; spike in teleph. pole, painted "767.1"	767.25

Vermilion Quadrangle

2 mi. w. of Berlin Heights n. to Shiprock, thence n. e. along N. Y. C. & St. L. Ry. to Vermilion, thence s. e. along L. S. & M. S. Ry. to Brownhelm

	Feet
Berlin Heights Sta., s. side of track, e. side of n.-s. rd., 6 ft. e. of w. end of concrete retaining wall to cinder platform, at N. Y. C. & St. L. Ry. depot, 1 ft. s. of s. rail; top of chiseled square	625.81
Berlin Heights Sta., 1.50 mi. n. e. of, N. Y. C. & St. L. Ry. +ing switch of L. S. & M. S. Ry., at s. e. cor. of +ing, top concrete base for angle of interlocking, leading to s. signal block; chiseled square	627.36
Ashmont, 1.20 mi. s. w. of, n.-s. rd. +ing N. Y. C. & St. L. Ry., 50 ft. s. of track, on e. side of rd. at fence line in root on s. w. side of 6-in. oak tree (n. tree of two trees); copper B. M. nail	626.99
Ashmont, 700 ft. e. of sta., 300 ft. s. of ry., in s. e. cor. of wagon brg.; **aluminum tablet** stamped "614 Toledo"	**614.485**
Ashmont, 0.50 mi. n. e. of, N. Y. C. & St. L. Ry., over Chappell Creek, 100 ft. w. of ry. brg. over n.-s. rd., w. concrete abut., top of n. end of parapet wall, chiseled square	614.19
Vermilion, 2.85 mi. s. w. of, 0.25 mi s. w. by 150 ft. w. of N. Y. C. & St. L. Ry. +ing n.-s. rd., 150 ft. w. of private +ing, 75 ft. w. of n. right-of-way line, on n. side of e.-w. private rd., in root on e. side of 15-in. oak tree; copper B. M. nail	609.58
Vermilion 1.50 mi. s. w. of, 100 ft. w. of n.-s. rd. +ing, n. side of N. Y. C. & St. L. Ry., in base on n. side of 2d teleg. pole w. of rd.+ing, ry. spike	607.60
Vermilion, 0.44 mi. s. w. of, N. Y. C. & St. L. Ry. depot s. side of tracks, top of e. end of coping of concrete culv. 727; chiseled square	601.53
Vermilion, stone monument about 250 ft. e. of e. pier, a little n. of e. from angle in w. pier and 300 ft. therefrom, 88 ft. westerly from 2.5 ft. basswood tree, 61 ft. northerly from largest of 3 willows clustered near clump of willows; iron bolt in top of stone monument (Lake Survey elev. 578.50)	578.50
Vermilion, lime kiln, n. face, near n. e. cor., stone found'n, about 125 ft. w. of w. pier on lake shore, ledge and upright and letters chiseled in face of third stone from ground marked "U. S. B. M." (Lake Survey elev. 581.80)	581.80
Vermilion, in window sill at s. e. corner of Davis Bros. store; **aluminum tablet** stamped "597 Toledo"	**597.480**
Vermilion, L. S. & M. S. Ry. brg. 135, over Vermilion Riv., w. abut., top of s. end of parapet wall, at junc. with e. end of retaining wall; chiseled square	607.40
Vermilion, 0.90 mi. e. of, L. S. & M. S. Ry. concrete brg. over N. Y. C. & St. L. Ry., top east end of s. guard wall; chiseled square	614.65

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	Feet
Vermilion, 2.00 mi. e. of, overhead highway +ing at n. side of tracks, top s. cor. of e. end of stone retaining wall, 1 ft. lower than track; chiseled sq..	631.90
Brownhelm, 120 ft. e. of L. S. & M. S. Ry. depot, n. side of tracks, top s. w. cor. of concrete base to electric signal box; chiseled square	650.79
Brownhelm, L. S. & M. S. Ry. bridge 141, over highway, on w. side of, 5 ft. above driveway, in 3rd layer of stone from ground, at s. end of old stone abut., 6 in. n. of junc. of concrete and stone masonry; **bronze peg** set in face of, marked "U. S. B. M. 642"....	**642.112**
At Berlin Heights (double-rodded line)	
Berlin Heights, cor. Main and Hotel Sts., at s. w. cor. of stone window sill of Lippus & Fowler's store; **bronze tablet** stamped "777 Toledo"..... ...	**776.588**
Vermilion s. to Birmingham (double-rodded line)	
Birmingham, on w. abut. stone of bridge over Vermilion River, in s. end of third stone from top, 1 ft. from e. edge; **aluminum tablet** stpd. "716 Toledo"	**716.160**
Berlin Heights s. to Collins, thence e. to Wakeman, thence n. to Birmingham	
Collins, in sill of cen. window at w. side of public school; **bronze tablet** stamped "899 Toledo"	**900.158**
Wakeman, at w. end of brg. over Vermilion River, in 2nd stone from top, at s. side; **aluminum tablet** stamped "861 Toledo".....	**861.858**
Wakeman e. along highway via Kipton to Oberlin	
Kipton, n. w. cor. of brick bldg. (store and P. O.), in window sill; **bronze tablet** stamped "857 Toledo 1901".....	**857.440**
Amherst along highways to Oberlin	
Amherst, 0.5 mi. w. of, on n. w. cor. of watering trough, n. e. cor. of +rd.	803.91
Amherst, 1.25 mi. s. w. of, on end of drain cover, s. w. cor. of road w.....	792.61
Amherst, 2.75 mi. s. w. of, n. of +rd., n. end of w. wall of brg. inside railing	800.24
Oberlin, 1.5 mi. w. of, on Lorain St., on n. e. wing wall of small bridge....	816.48

Warren Quadrangle

Newton Falls n. to Braceville, thence w. to Windham	
Newton Falls, s. e. cor. of high school bldg., in watertable over basement window, facing e., **aluminum tablet** stamped "927 ADJ 1903".....	**927.133**
Braceville, crossing at sta.; top of rail.....	909.2
Newton Falls along highway s. to Berlin Center thence e. to Canfield, thence n. to West Austintown, thence w. to Jackson Center, thence n. to Lordstown, thence e. to Niles	
Pricetown, 200 ft. e. of +rds., in s. face of s. e. corner of Methodist Church; **aluminum tablet** stamped "942 ADJ 1903".....	**942.163**
Berlin Center, 4 mi. n. of, 3 mi. n. w. of Rosemont, n. side of rd., 400 ft. w. of n. w. cor. of +rds., in s. face of s. e. cor. of barn of Chas. Smith; **aluminum tablet** stamped "1023 ADJ 1903"	**1022.786**
Berlin Center, 450 ft. e. of +rds., on s. side of road, in stone door sill to main entrance to M. E. Church; **aluminum tablet** stamped "1055 ADJ 1903"	**1075.166**

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	Feet
Berlin Center, 2.5 mi. e. of, 2.5 mi. w. of Ellsworth, inside of fence at n. e. cor. of +rds.; **iron post** stamped "1159 ADJ 1903" (Prim. Trav. Sta. No. 39)	1159.304
Ellsworth, at s. e. cor. of Presbyterian Church, in top of stone platform to entrance; **aluminum tablet** stamped "1068 ADJ 1903"	1068.057
Canfield, in s. face of s. e. corner of Presbyterian Church; **aluminum tablet** stamped "1162 ADJ 1903"	1162.238
Canfield, 2 ft. w. of band stand in park in center of town; **iron post** stamped "Prim. Trav. Sta. No. 143"	1160.803
West Austintown, at s. w. cor. of +rds., in n. face of n. w. corner of United Evangelical Church; **aluminum tablet** stamped "1012 ADJ 1903"	1012.182
Jackson Center, 0.2 mi. e. of main +rds., s. of rd., in n. face of n. e. cor. of town house; **aluminum tablet** stamped "1035 ADJ 1903"	1034.634
Lordstown, w. side of rd., 0.2 mi. n. of principal +rds., in e. face of n. e. cor. of Disciple Church; **aluminum tablet** stamped "954 ADJ 1903"	954.200
Niles, at s. w. cor. of Main and West Church Sts., in n. face of n. e. cor. of First Presbyterian Church; **aluminum tablet** stamped "890 ADJ 1903"	889.871
At Warren and Leavittsburg. Set from B. & O. B. Ms. 395 and 399	
Warren, about 60 ft. s. of B. & O. sta.; about 300 ft. s. of Erie sta.; in e. face of n. e. cor. of Wholesale Grocery Co., in watertable; **aluminum tablet** stamped "880 ADJ 1903"	880.105
Leavittsburg, 400 ft. w. of sta., n. w. cor. of Erie Ry. brg. over Duck Cr., in next to top coping stone; **aluminum tablet** stamped "895 ADJ 1903"	895.048
Berlin Center n. e. along Penna. Ry. to point near Niles (precise line)	
Berlin Center, 70 meters n. of Penna. Ry. sta. 15 meters e. of tracks, base of s. w. support of ry. water tank; **chiseled square** (C. & G. S. B. M. V6)	1106.152
Ellsworth, about 90 meters s. of Penna. Ry. sta., in n. w. cor. of large stone step of public school building; **chiseled square** marked "U. S. B. M." (C. & G. S. B. M. W6)	1120.666
Rosemont, s. e. cor. of Penna. Ry. sta., on curbing of platform 5 centimeters from bldg.; **chiseled square** (C. & G. S. B. M. X6)	1071.456
Rosemont, 100 meters w. of Penna. Ry. sta., on public highway, in middle of n. coping of stone culv.; **chiseled square** marked "U. S. B. M." (C. & G. S. B. M. Y6)	1080.878
Rosemont, about 0.3 mi. w. of sta., at public rd. +ing, in n. w. cor. of public school grounds; **red metal cap** on iron post (C. &. G. S. B. M. Z6)	1065.557
North Jackson, about 0.25 mi. e. of Penna Ry. sta., in s. w. cor. of e. abut. of highway brg.; **red metal disk** (C. & G. S. B. M. A7)	1014.652
North Jackson, 45 meters s. e. of sta. at corner of fence 40 meters e. of ry. +ing; **red metal cap** on iron post (C. & G. S. B. M. B7)	1024.622
North Jackson, 1.4 mi. n. of, on Penna. Ry. right-of-way, one teleg. pole from milepost 7, in middle of e. coping. of concrete arch brg. 10; **chiseled square** marked "U. S." (C. & G. S. B. M. C7)	1001.462
Lordstown, n. w. cor. of rd. +ing, four teleg. poles n. of milepost 5, in cor. of fence, on land belonging to Ada Horn; **red metal cap** on iron post (C. & G. S. B. M. D7)	949.010
Lordstown, about 0.8 mi. n. of, on Penna. Ry. right-of-way, at milepost 4, on w. end of n. abut. to brg. 6; **chiseled square** (C. &. G. S. B. M. E7)	919.845
Niles, 2 mi. s. w. of, near Boenna Crossing, on B. & O. Ry. right-of-way, 328 ft. e. of Penna. Ry. tracks, on lower step of undergrade +ing brg. 423; **red metal disk** (C. & G. S. B. M. F7)	899.342

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Wauseon Quadrangle

Point 3 mi. e. of Archbold to point 3 mi. s. of Delta

	Feet
Archbold, 3 mi. e. of, s. w. of cor. of sec. 36, German Tp., at rd. +ing; spike in base of telephone pole	742.99
Archbold, 4 mi. e. of, at n. w. cor. of +rds.; **iron post** stamped "749 Ohio"	**748.725**
Archbold, 5 mi. e. of, s. e. cor. of sec. 31, Clinton Tp., at road +ing; spike in base of telephone pole	760.18
Wauseon, 2.5 mi. w. by 2 mi. s. of, at rd. +ing; spike in base of fence post.	762.79
Wauseon, 2 mi. s. by 1.5 mi. w. of, s. w. cor. of +rds.; **iron post** stpd. "756 Ohio"	**755.963**
Wauseon, 2 mi. s. by 0.5 mi. w. of, at s. e. corner of brg. at +rds.; chiseled circle, painted "T. B. M. 739.3"	739.44
Wauseon, 2 mi. s. by 0.5 mi. e. of, at s. e. cor. of +rds.; spike in post, painted T. B. M. 739.6"	739.74
Wauseon, 2 mi. s. by 1.5 mi. e. of, n. w. cor. of +rds.; **iron post** stpd. "736 Ohio"	**736.533**
Wauseon, 3 mi. s. by 1.5 mi. e. of, at s. w cor. of +rds.; spike in teleph. pole, painted "T. B. M. 717.6" (on unchecked spur line)	717.71
Wauseon, 2 mi. s. by 2.5 mi e. of, at s. w. cor. of +rds.; spike in base of tel. pole, painted "T. B. M. 718.9"	719.07
Wauseon, 2 mi. s. by 3.5 mi. e. of, at n. w. cor. of +rds.; spike in teleph. pole, painted "T. B. M. 708.8"	708.92
Wauseon, 2 mi. s. by 4.5 mi. e. of, at s. w. cor. of +rds; **iron post** stpd. "701 Ohio"	**701.584**
Wauseon, 2 mi. s. by 5.5 mi. e. of, at n. w. cor. of +rds.; spike in teleph. pole, painted "T. B. M. 694.3"	694.44
Wauseon, 2 mi. s. by 6.5 mi. e. of, at s. e. cor. of T rd. s.; spike in cor. post, painted "T. B. M. 687.6"	687.74
Wauseon, 2 mi. s. by 7 mi. e. of, at s. e. cor. of T rd. s.; spike in post, painted "T. B. M. 685.7"	685.88
Wauseon, 2 mi. s. by 7.3 mi. e. of, at n. w. corner of T road n. to Delta; **iron post** stamped "690 Ohio"	**690.216**
Wauseon, 3 mi. s. by 7 mi. e. of, at s. e. corner of +roads; spike in corner post, marked "T. B. M. 687.3"	687.40
Delta, 3 mi. s. of, at +rds.; spike in base of teleph. pole, painted "687.953"	688.07

Eckley e. and s. along highways to Wauseon

Eckley, 0.8 mi. n. of, at s. w. corner of +roads; painted square on concrete base of iron post 7.2 ft. high, marked "744.09"	744.27
Eckley, 0.8 mi. n. by 1 mi. e. of, n. w. corner of crossroads; spike in base of telephone pole, marked "745.8"	745.99
Eckley, 0.8 mi. n. by 2 mi. e. of, in s. e. corner of T road s., n. w. corner of schoolhouse yard; **iron post** stamped "751"	**751.317**
Eckley, 0.8 mi. n. by 3 mi. e. of, n. w. corner of crossroads; spike in base of fence post, marked "760.9"	761.14
Wauseon, 1.8 mi. n. by 1.25 mi. w. of, s. e. corner of +roads; spike in base of fence post, marked 781.4"	781.68
Wauseon, 1.8 mi. n. of, n. e. cor. of +roads; **iron post** stamped "789"	**789.484**
Wauseon, s. e. cor. of Ottokee and West Linfoot Streets, at e. end of water trough; chiseled square on stone, marked "773.1"	773.36
Wauseon, 20 ft. e. of sta., at road +ing; top of n. rail, marked "763.2"	763.50

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	Feet
Wauseon, s. w. corner of Depot and North Fulton Streets, 1 foot from water plug; chiseled square on stone curbing, marked "770.3"	770.61
Wauseon, 0.25 mi. e. by 1.25 mi. s. of, n. e. corner of +roads; spike in base of telephone pole, marked "745.7"	746.00

1.8 mi. n. of Wauseon e. along rd. to 1 mi. s. e. of Delta

Wauseon, 1.8 mi. n. by 0.8 mi. e. of, n. e. corner of +roads; spike in base of telephone pole, marked "769.1"	769.44
Wauseon, 1.8 mi. n. by 1.8 mi. e. of, s. e. corner of +roads; spike in base of fence post, marked "766.5"	766.78
Wauseon, 1.8 mi. n. by 2.8 mi. e. of, s. w. corner of +roads; spike in base of telephone pole, marked 762.6"	762.91
Delta, 4 mi. w. of, s. e. cor. of +roads; **iron post** stamped "753"	**753.229**
Delta, 3 mi. w. of, n. w. corner of +rds., n. e. corner of platform, in wooden pump; spike head painted white, marked "754.9"	755.14
Delta, 2 mi. w. of, n. w. cor. of +rds.; spike in base of tel. pole, mkd."744.4"	744.60
Delta, 1 mi. w. of, at s. e. corner of T road s., at corporation line; spike in base of telephone pole, marked "733.9"	734.12
Delta, w. side of city hall, in lawn between sidewalk and street, 50 ft. n. of Main Street; **iron post** stamped "723 Ohio"	**723.226**
Delta, 300 ft. e. of sta., at ry. +ing; top of s. rail, marked "721.8"	722.0
Delta, 1 mi. s. e. of, at s. e. cor. of T rd.; nail in base of fence post, mkd."709.3"	709.45

1.8 mi. n. of Wauseon n. and e. along rd. to 5 mi. n. of Delta

Wauseon, 2.8 mi. n. of, at n.w. cor. of+rds.; spike in fence post, marked "785.4"	785.68
Wauseon, 3.8 mi. n. of, 0.8 mi. w. of Ottokee, at s. e. cor. of +rds.; **iron post** stamped "786 Ohio"	**786.185**
Ottokee, 1 mi. w. by 1 mi. n. of, at n. w. cor. of +rds.; spike in fence post, marked "791.2"	791.54
Ottokee, 1 mi. w. by 1.5 mi. n. of, on s. end of e. wing of concrete culv.; top of masonry, marked "783.1"	783.41
Ottokee, 1 mi. w. by 2 mi. n. of, at n. e. corner of +rds.; spike in fence post, marked "794.6"	794.97
Oakshade, 2 mi. s. of, at s. e. cor. of +rds.; **iron post** stamped "798 Ohio"	**798.613**
Oakshade, 2 mi. s. by 0.5 mi. e. of, at n. w. cor. of +rds.; spike in fence post, marked "787.36"	787.20
Oakshade, 2 mi. s. by 1 mi. e. of, at n. e. cor. of +rds.; spike in fence post, marked "779.5"	779.81
Oakshade, 2 mi. s. by 2 mi. e. of, at n. w. cor. of +rds.; white cross on concrete trough, marked "780.4"	780.67
Winameg, 1 mi. n. by 1.5 mi. w. of, at s.e. cor. of +rds.; **iron post** stpd. "768 Ohio"	**768.108**
Winameg, 0.5 mi. w. by 1 mi. n. of, at T rd. s.; spike in fence post, mkd. "774.3"	774.48
Winameg, 1 mi. n. of, at s. e. cor. of +rds.; spike in fence, marked "767.1".	767.31
Winameg, 1 mi. n. by 0.5 mi. e. of, at s. e. corner of +roads; spike in fence, marked "756.9"	757.12
Delta, 4.8 mi. n. by 1.8 mi. w. of, at n. e. corner of +rds.; **iron post** stamped "755 Ohio"	**755.035**
Delta, 4.8 mi. n. by 0.8 mi. w. of, at s. e. cor. of +rds.; spike in fence post, marked "755.4"	755.55

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6.25 mi. n. of Wauseon w. along highway to 1 mi. w. of Thelma

	Feet
Oakshade, 2 mi. s. by 1 mi. w. of, at s. w. cor. of +rds.; spike in fence post, marked "809.8"	810.15
Oakshade, 2 mi. s. by 2 mi. w. of, at T rd. e.; spike in fence post, mkd. "766.2"	766.60
Spring Hill, 3 mi. n. of, at s. w. cor. of +rds.; **iron post** stamped "732"	**732.405**
Thelma, n. end of lower step, at T rd. e.; w. end of stone, mkd. "739.2"	739.65
Thelma, 1 mi. w. of, at T rd. e.; spike in fence post, marked "723.7"	724.13

2 mi. s. of Oakshade n. and e. along rds. to 1 mi. n. e. of Seward

Oakshade. 1 mi. s. of, at s. w. cor. of +rds.; spike in fence, marked "796.8".	797.18
Oakshade, n. w. cor. of T rd. n.; **iron post** stamped "808 Ohio"	**808.156**
Oakshade, 1.5 mi. n. of, 0.3 mi. e. of Clark school, at n. e. cor. of rd. forks, at rd. n.; spike in fence post, marked "811.5"	811.89
Oakshade, 2 mi. n. of, at s. w. cor. of T rd. w.; spike in fence, marked "798.8"	799.11
Oakshade, 2.5 mi. n. of, e. end of ry. +ing, at +rds.; top of n. rail of T. & W. Ry. (electric), painted white and marked "798.8"	799.15
Lyons, 2.5 mi. w. of, at s. w. cor. of +rds.; **iron post** stamped "780 Ohio"	**780.606**
Lyons, 1.25 mi. w. of, at s. w. cor. of +rds.; spike in teleph. pole, marked "772.6"	772.96
Lyons, at s. e. cor. of +rds.; top of water table, marked "766.5" (ry. B. M.)	766.86
Lyons, 0.8 mi. e. of, at s. w. cor. of +rds.; **iron post** stamped "758"	**758.402**
Seward, at s. e. cor. of +rds.; spike in teleph. pole, marked "754.4"	754.78
Seward, 1 mi. e. of, at n. w. cor. of +rds.; spike in fence post, marked "750.2"	750.60
Seward, 1 mi. e. by 1 mi. n. of, 50 ft. w. of +rds., on top of e. wing wall of n. abut. of small iron brg. over Bear Creek; chiseled square	738.89

2 mi. n. of Oakshade w. along rd. to 0.5 mi. s. of Ritters

Oakshade, 2 mi. n. by 1 mi. w. of, s. e. cor. of +rds.; **iron post** stpd. "806 Ohio"	**806.152**
Oakshade, 2 mi. n. by 2. mi. w. of, n. w. cor. of +rds.; spike in fence, mkd. "766.1"	766.45
Oakshade, 2 mi. n. by 3 mi. w. of, at s. w. cor. of +rds.; spike in fence post, marked "748.1"	748.44
Oakshade, 2 mi. n. by 4 mi. w. of, n. e. cor. of +rds.; **iron post** stpd. "746 Ohio"	**746.431**
Ritters, 1 mi. e. by 0.5 mi. s. of, at s. e. cor. of +roads; **iron post** stamped "Prim. Trav. Sta. No. 24—1905—751"	**751.771**

Delta n. along roads to 4 mi. n. e. of Lyons (portion of line)

Delta, 1 mi. n. of, s. e. cor. of +rds.; spike in base of fence post, marked "741.8"	741.93
Delta, 2 mi. n. of, n. w. cor. of +rds.; spike in base of fence post marked "744.6"	744.74
Delta, 3 mi. n. of, s. w. cor. of T rd. s.; **iron post** stamped "746"	**747.260**
Delta, 4.25 mi. n. of, s. w. cor. of +rds.; spike in fence post, marked "754.4"	754.60
Delta, 5 mi. n. of, s. w. cor. of +rds.; spike in base of fence post	765.09
Delta, 6 mi. n. of, s. w. cor. of +rds.; **iron post** stamped "754"	**754.696**
Delta, 7 mi. n. of, s. e. cor. of T rd. s.; spike in base of fence post, marked "750.2"	750.39

Waverly Quadrangle

Waverly north along highway to Waller

Waverly, in courth. yard, w. cor., **iron post** "Prim. Trav. Sta. No. 16—590"	**589.382**

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Alma, brg. over Crooked Creek, w. abut., n. wing; **aluminum tablet** stpd."620"	**619.290**
Waller, 2.9mi. s. of, 235 ft. n. of T rd. w., e. end of culv.; **aluminum tablet** stpd."813"	**812.752**
Stockdale n. to Beaver, thence w. along D. T. & I. Ry. to near Glen Jean Junction	
Robbins station, 0.4 mi. s. of, in n. e. corner church yard at Beaver Chapel; **iron post** stamped "Prim. Trav. Sta. No. 18—656—Ohio"	**656.123**
Givens, 0.5 mi. w. of sta., stone culv., top of; **aluminum tablet** stamped "658"	**658.190**
Omega southeasterly to Cars Run, thence s. to Robbins station	
Omega, 2 mi. s. by 2 mi. e. of, top of cornerstone separating property of Andrew Harris and Colwine Cotton, e. side of rd., Cars Run Methodist Church (colored); **aluminum tablet** stamped "601"	**600.469**
Robbins, 4.20 mi. n. of, s. e. corner of found'n of schoolh., district No. 17, w. side of road on Cars Run; **aluminum tablet** stamped "692"	**691.443**
Robbins southwest to Germany and return	
Germany, in stone found'n under s. w. corner of German Lutheran Church; **bronze tablet** stamped "677 I"	**677.189**
Near Beaver e. along road to Glade, thence n. along road to Vigo	
Beaver station, in front of; top of rail	664.6
Beaver, public school building, s. w. corner of foundation, large sandstone block; **aluminum tablet** stamped "691"	**690.724**
Glade, 435 ft. s. of station, e. side of road, in wood lot; **iron post** stamped "Prim. Trav. Sta. No. 20—687"	**686.862**
Glade, road crossing at station; top of rail	689.6
Glade, 3.80 mi. n. of, 200 ft. w. of Bethel Church, sandstone outcrop, half-way between fences; **aluminum tablet** stamped "985"	**985.103**
Limerick, in s. w. corner of lot of T. J. Beatty, near iron bridge; **iron post** stamped "Prim. Trav. Sta. No. 19—633"	**632.512**
Limerick, 3.6 miles n. of, e. end culvert, 300 ft. s. of house, w. side of road; **aluminum tablet** stamped "612"	**611.477**
Vigo, 2.7 mi. s. e. of, e. pedestal overhead brg., s. arch, n. face, B. & O. Ry., 1000 ft. e. of junction with C. H. & D. Ry.; **aluminum tablet** stamped "605"	**605.262**
Vigo, in base stone at s. e. corner of A. C. Yoakum's brick house n. side of road, 50 ft. e. of B. & O. Ry.; **aluminum tablet** stamped "617"	**616.604**
Chillicothe s. via N. & W. Ry. to Portsmouth (portion of precise line)	
Stony Creek Sta., 1.92 mi. s. e. of Locks, top of ry. culv. w. of track; **aluminum tablet** stamped "589"	**589.213**
Higby, station, in front of; top of rail	593.8
Higby, 0.12 mi. s. of, railroad bridge, w. side of track, n. abutment retaining wall, top of; **aluminum tablet** stamped "589"	**588.732**
Higby, 1.03 mi. s. of, ry. culv., w. of track, on top of; chiseled square	589.82
Higby, 2.05 mi. s. of, ry. culv. w. of track, top of; chiseled square	605.89
Omega, in front of station; top of rail	596.8
Omega, 385 ft. s. of, railroad girder bridge, w. side of track, n. abutment retaining wall, top of; **aluminum tablet** stamped "596"	**595.636**

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Omega, 1.29 mi. s. w. of, n. abutment ry. bridge, w. of track; chiseled square	594.69
Omega, 2.71 mi. s. w. of, n. abut. of ry. bridge, e. side of track; **aluminum tablet** stamped "571"	**571.034**
Waverly, at D. T. & I. Ry. +ing, highway just n. of station; top of rail	592.1
Waverly, in front of station; top of rail	571.5
Waverly, 0.29 mi. s. of, n. abut. of ry. brg., on top of retaining wall, e. side of track; **aluminum tablet** stamped "570"	**569.824**
Glen Jean, in front of station; top of rail	573.4
Glen Jean, 0.49 mi. s. of, s. abut. of ry. bridge over river, e. side of track, top of retaining wall; **chiseled square**	**578.716**
Glen Jean, 2.73 mi. s. of, highway brg. over creek, w. side of n. abut.; **aluminum tablet** stamped "562"	**561.829**
Near Waller	
Waller, 1.15 mi. s. by 0.92 mi. w. of, at the n. e. cor. of T lane n., in base of cor. fence post; copper B. M. nail, "802.8" painted on post	801.24
Waller, 1.15 mi. s. of, about 1300 ft. s. of junc. of Chillicothe-Waverly pike with Farmerville pike, in s. w. cor. of brg., in forks of rd.; top of drift-bolt, "679" marked on bridge	680.23
Waller, 2.04 mi. s. of, on Waverly-Chillicothe pike, 50 ft. s. of lane leading to W. E. Riley's res., on cen. of w. end of stone box culv.; chiseled square, "745" marked on culvert	745.26
Near Glade	
Glade, 1.2 mi. n. e. of, n. w. cor. of rd. +ing; spike in base of teleg. pole, painted "699.5"	699.52
Glade, 1.8 mi. n. e. of, n. w. cor. of rd. +ing; spike in base of warning post, painted "700.8"	700.85

Waynesville Quadrangle

Dayton s. e. along highway to Alpha thence n. e. 4 miles

	Feet
Dayton, Wayne Market bldg. on corner of South Wayne Ave. and Burns Ave.; chiseled sq. on found'n s. side at first entrance from west	739.92
Dayton, at junc. of Wayne St. and Williamstown pike, on s. side of st. at entrance to asylum, on curb; chiseled square	895.65
Bellmont, junc. of Xenia and Dayton with Spring Valley Elec. Rys., 10 ft. n. w. of, on stone hitching post near n. e. cor. of +roads; highest point	955.00
Bellmont, 1 mi. e. of, on Dayton & Xenia Elec. Ry., on s. abut. e. side of concrete bridge over creek at lane to Jacob Weng's dairy; chiseled sq	889.30
Shakertown, 500 ft. e. of +roads, on Dayton & Xenia Elec. Ry., on e. abut. n. side of steel brg.; chiseled square	875.66
Alpha, 3 mi. n. w. of, at power house for Dayton & Xenia Elec. Ry., n. w. cor. of +roads, in top of telephone pole stump level with ground; spike	860.89
Alpha, 3 mi. w. of, at n. w. cor. of +roads, near residence of Perry Hawker; **iron post** stamped "913 Ohio"	**913.464**
Alpha, 2 mi. w. of, 115 ft. w. of +rds., n. end of culv. under rd.; chiseled sq.	889.16
Alpha, 1.1 mi. w. of, on s. abut. e. side of culv. No. 149 under rd.; chiseled sq.	822.83
Alpha, 0.25 mi. w. of, at s. w. cor. of +roads; **iron post** stamped "801 Ohio"	**801.474**

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	Feet
Alpha, 0.6 mi. n. of, 50 ft. e. of T road s., on w. and s. side of concrete wing wall of bridge; chiseled square	825.58
Alpha, 1.4 mi. n. of, in guard post on n. w. cor. of overhead brg.; 1st bolthead	866.15
Alpha, 2.2 mi. n. of, 50 ft. n. of T rd. w., on n. abut. w. side of small bridge; chiseled square	840.76
Alpha, 2.8 mi. n. e. of, on e. abut. s. side of brg. over Beaver Creek; chiseled sq.	813.47
Trebein w. along highway to Alpha	
Alpha, 1.5 mi. e. of, T rd. n., n. end of culv.; chiseled sq., painted "825.6 T. B. M."	825.95
Near Dayton s. e. to Bellbrook thence n. e. and n. to Alpha	
Dayton, 3.6 mi. s. e. of, at s. e. cor. of intersec. of Patterson rd. and Dayton-Wilmington rd.; **iron post** stamped "952 Ohio"	**952.237**
Beavertown, 0.4 mi. n. of, on s. end w. side of abut. of iron brg.; chiseled sq.	931.39
Beavertown, 15 ft. n. of n. w. cor. of + rds., on e. end of concrete walk leading to W. Davis' res.; chiseled square	984.58
Beavertown, 1.1 mi. s. e. of, on Dayton, Springfield & Xenia traction line, on n. end of flange on iron box, 50 ft. n. of D. L. & C. Ry. +ing; highest pt.	960.00
Beavertown, 2.1 mi. s. e. of, in forks of rd. in front of Sugar Creek United Presbyterian Church; **iron post** stamped "996 Ohio"	**996.176**
Beavertown, 2.9 mi. s. e. of, 600 ft. n. of Stop 219, on n. and w. side of brg. on Dayton, Springfield & Xenia traction line; chiseled square	972.18
Beavertown, 3.9 mi. s. e. of, 300 ft. s. of stop 222 on D. S. & X. traction line in root of maple tree at s. e. cor. of T rd. e.; copper B. M. nail	983.00
Bellbrook, 2.6 mi. n. w. of, on n. e. cor. of stone box culv.; chiseled square	948.89
Bellbrook, 2.2 mi. w. of, at T road n. called Whites Corner, on large granite rock on s. side of road; chiseled square	908.49
Bellbrook, 1.2 mi. w. of, 1000 ft. n. e. of T. L. Wilson's res.; on n. and w. side of retaining wall to stone box culvert; chiseled square	900.39
Bellbrook, at n. e. cor. of Methodist Church; **iron post** stamped "796 Ohio"	**796.250**
Bellbrook, 0.3 mi. e. of, at n. e. corner of T road n.; on s. abutment e. side of small iron bridge; chiseled square	769.73
Bellbrook, 1.5 mi. n. e. of, 30 ft. n. of Little Miami River, on s. abutment e. side of iron bridge over small creek; chiseled square	769.22
Alpha, 5.4 mi. s. of, 200 ft. n. w. of J. Mullin's res., on s. abut. e. side of brg.; chiseled square	774.98
Alpha, 4.4 mi. s. of, on e. abut. n. side of iron brg. No. 132; chiseled square	814.64
Alpha, 3.4 mi. s. of, on Upper Bellbrook pike, 1000 ft. n. e. of J. R. Smith's res., at n. e. cor. of T road s. e.; **iron post** stamped "898 Ohio"	**898.322**
Alpha, 2.3 mi. s. of, on retaining wall n. and e. side of abut. of brg. opposite residence of Geo. Sellars; chiseled square	846.48
Alpha, 1.5 mi. s. of, 12 ft. n. e. of elm tree at lane leading to S. M. Spah's residence, on rock; chiseled square	877.64
Alpha, 0.7 mi. s. w. of, on s. abut. e. side of small iron brg. No. 165; chiseled sq.	789.19
Dayton s. along highway to point 3 mi. w. of Centerville thence e. to near Bellbrook	
Dayton, at n. w. cor. of Washington and Cincinnati Sts., on curb; chiseled sq.	739.33
Dayton, 1.9 mi. s. of, on Cincinnati St., 170 ft. s. of L. Jenny's res., on s. end of sidewalk on w. side of street; chiseled square	733.04

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	Feet
Dayton, 2.9 mi. s. of, in s. w. angle of forks of Y rd.; 150 ft. w. of Chas. Hollman's res., on Springboro pike; **iron post** stamped "729 Ohio"	**729.198**
Dayton, 4 miles s. of, on Springboro pike, on top step at entrance to brick schoolh.; chiseled square	745.85
Dayton, 5.4 mi. s. of, 17 ft. n. of Ohio Electric Ry.+ing at Stop No. 9, on Springboro pike, in cen. of n. abut. concrete culv.; chiseled square	729.48
Dayton, 6.5 mi. s. of, at junc. of Springboro and Alexandersville-Bellbrook pike, at s. e. cor. +rds.; **iron post** stamped "730 Ohio"	**730.220**
Dayton, 7.5 mi. s. of, on Alexandersville-Bellbrook pike, on s. abut. e. side of large iron brg.; chiseled square	759.51
Dayton, 8.8 mi. s. of, junc. at Mad River pike and Alexandersville-Bellbrook pike, on limestone rock on w. end of culv. at n. w. cor. of +rd.; chiseled sq.	806.07
Dayton, 9.7 mi. s. of, on Mad River rd., e. abut. n. side of iron brg.; chiseled sq.	901.32
Centerville, 3 mi. w. of, 300 ft. n. of junc. of Mad River pike and Madisonville-Centerville pike, on n. abut. w. side of small bridge; chiseled square	942.58
Centerville, 3.5 mi. w. of, Dayton-Springboro and Centerville-Madisonville pike +ing, s. e. cor.; **iron post** stpd. "Prim. Trav. Sta. No. 47—Ohio—1909—993"	**993.236**
Centerville, 2 mi. w. of, on w. abut. s. side of iron brg., at junc. of Centerville-Madisonville pike with Yankee rd.; chiseled square	895.55
Centerville, 1.3 mi. w. of, concrete abut. w. side of small iron brg. chiseled sq.	898.80
Centerville, on curb at s. e. corner of crossroads; chiseled square	1020.30
Centerville, 1 mi. e. of, 20 ft. w. of ry., n. e. cor. of concrete porch in front of Spring and Potters's undertaking bldg.; chiseled square	957.58
Bellbrook, 3.5 mi. w. of, 15 ft. n. of s. w. cor. of T rd. s., on w. end of stone culvert; chiseled square	929.15
Bellbrook, 3 mi. w. of, at n. w. cor. of T rd. n.; **iron post** stamped "Prim. Trav. Sta. No. 46—Ohio—1909—973"	**973.219**

Near Centerville south along highway to Red Lion

Centerville, 2.5 mi. s. w. of, on Yankee rd., on s. abut. w. side of brg. No. 95, 500 ft. n. of T rd. e.; chiseled square	907.03
Centerville, 4 mi. s. w. of, on Yankee rd., at s. w. cor. of T road w.; **iron post** stamped "943 Ohio"	**943.123**
Centerville, 4.7 mi. s. w. of, on Yankee rd., at s. w. cor. of lane w. on sandstone rock on property line; chiseled square	973.99
Springboro, 1.7 mi. n. e. of, on n. abut. e. side of iron brg. at junc. of Yankee rd. and Five Points rd.; chiseled square	875.83
Springboro, 1 mi. e. of, on Five Points rd., 25 ft. n. of n. w. cor. of crossrds.; **iron post** stamped "906 Ohio"	**905.520**
Springboro, 1 mi. e. of, at s. e. cor. of +rds., on gate hinge in cor. post, about 6 in. above ground; highest point	799.71
Springboro, 1.5 mi. s. e. of, on s. abut. w. side of large iron brg. over Clear Fork Creek; chiseled square	760.15
Red Lion, 2.2 mi. n. of, on Red Lion and Springboro rd., w. side of road at T road e.; **iron post** stamped "922 Ohio"	**921.546**
Red Lion, 1.2 mi. n. of, on e. end of concrete culv. at T rd. w.; chiseled square	910.14

Near Springboro e. along rd. to Venable thence n. to near Centerville

Springboro, 1.6 mi. e. of, on w. end of second step at entrance to brick schoolhouse (district No. 5); chiseled square	809.70

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Springboro, 2.4 mi. e. of, on s. e. cor. of large girder brg., painted; highest pt.	786.63
Ridgeville, at n. w. cor. of +rds., on w. end of concrete culv.; chiseled square	867.28
Ridgeville, 1 mi. e. of, at s. w. cor. of T rd. s.; **iron post** stamped "939 Ohio"	**939.220**
Ridgeville, 1.5 mi. e. of, at Venable (flag stop), 100 ft. w. of ry. +ing, in root of 1-ft. elm tree, 12 ft. s. of s. property line; copper B. M. nail	947.23
Edgewood Station, 600 ft. n. e. of, at n. w. cor. of ry. crossing, on w. end of stone culvert under wagon road; chiseled square	998.83
Lytle, 0.25 mi. e. of P. O., at n. e. cor. of +rds., 12 ft. s. of s. w. cor. of M. E. Church; **iron post** stamped "1013 Ohio"	**1012.819**
Lytle, 1.5 mi. n. of, in forks of rd., in root of 5 ft. elm tree; copper B. M. nail	994.38
Lytle, 2 mi. n. of, on county line between Greene and Montgomery counties, at n. w. cor. of +rds., on limestone county line rock; chiseled square	983.27
Lytle, 2.9 mi. n. of, on Anthony Wayne pike, on e. side of road at T road w.; **iron post** stamped "969 Ohio"	**968.908**
Centerville, 2 mi. s. w. of, on large limestone rock on w. end of culv. at n. w. cor. of Anthony Wayne pike and Spring Valley road; chiseled square	931.79

Near Ridgeville e. along rds. to Waynesville thence n. to Bellbrook

Ridgeville, 2.1 mi. e. of, n. w. cor. of T rd. w., on large anchor rock; chiseled sq.	920.14
Waynesville, 2 mi. s. w. of, 1000 ft. n. w. of Chas. Grey's residence, on n. abut. e. end of concrete culv.; chiseled square	861.22
Waynesville, 1.1 mi. s. of, T rd. s. e., s. abut. of e. side of iron brg.; chiseled sq.	724.67
Waynesville, 60 ft. e. of s. e. cor. of Corwin Ave. and North St.; **iron post** stamped "754 Ohio"	**753.714**
Corwin, 1.2 mi. n. e. of, on n. w. cor. of n. abut. of brg. No. 56 on P. C. C. & St. L. Ry.; chiseled square	728.44
Corwin, 1.6 mi. n. e. of, on n. w. cor. of n. abut. of brg. No. 54 on P. C. C. & St. L. Ry.; chiseled square	725.40
Corwin, 3.1 mi. n. e. of, on n. w. cor. of n. abut. of brg. No. 51 on P. C. C. & St. L. Ry.; chiseled square	727.21
Corwin, 4.2 mi. n. e. of, on n. w. cor. of brg. No. 49 (stone arch culv.) on P. C. C. & St. L. Ry.; chiseled square	735.50
Roxanna, 50 ft. w. of ry., on ry. right-of-way, at +ing; **iron post** stpd. "755 Ohio"	**754.567**
Spring Valley, 0.7 mi. s. of, on n. e. cor. of stone arch culv.; chiseled square	756.56
Spring Valley, 6 ft. e. of ry. at +ing, on n. w. cor. of concrete porch in front of Spring Valley Mercantile store; chiseled square	758.92
Spring Valley, 1.1 mi. n. of, on n. abut. e. side of wagon bridge over Glady run; chiseled square	774.11
Bellbrook, 3.5 mi. e. of, n. side of Lower Bellbrook pike, at rd. n. e.; **iron post** stamped "Prim. Trav. Sta. No. 45—Ohio—1909—926"	**925.572**
Bellbrook, 2.5 mi. e. of, on concrete foundation at w. side of e. entrance to brick schoolh.; chiseled square	926.70
Bellbrook, 1.2 mi. e. of, in girder at s. e. cor. of cov. brg. over Little Miami River; copper B. M. nail	768.78

Near Waynesville s. e. to Harveysburg

Corwin, 60 ft. e. of ry. +ing, in front of Robert Mountjoy's store, on large granite rock; chiseled square	735.79
Corwin, 1 mi. s. e. of, on s. end of culv. at lane leading to William Thompson's res.; chiseled square	861.66

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	Feet
Corwin, 2 mi. s. e. of, 600 ft. n. of res. of P. D. Clagett, in forks of Y rd.; **iron post** stamped "892 Ohio"	**891.982**
Corwin, 3.2 mi. e. of, on n. e. cor. of retaining wall in e. abut. of small iron brg.; chiseled square	849.46
Harveysburg, 0.5 mi. n. w. of, 100 ft. w. of brg. over Caesar Cr., on w. abut. n. side of concrete brg. over mill race; chiseled square	793.88
Harveysburg, 0.5 mi. e. of, 150 ft. w. of +rds., e. abut. s. side of brg.; chiseled sq.	899.28

Dayton s. along C. H. & D. Ry. and C. C. C. & St. L. Ry. to Alexandersville (precise line)

Dayton, 2.5 mi. s. of, Van Buren Tp., on C. C. C. & St. L. Ry., viaduct bridge over highway, midway between Miami River brg. and canal bridge, on n. abut., s. e. cor. of brg. seat course, 9 in. from either face and 15 feet e. of truss; **chiseled square** (C. & G. S. B. M. E4)	**736.673**
Dayton, 4 mi. s. of, on C. H. & D. Ry., s. w. quar. of culv. 39, w. end of brg. seat course, 8 in. e. of w. end, and 5 in. s. of w. face; **chiseled square** (C. & G. S. B. M. C3)	**728.376**

Wellington Quadrangle

Sullivan e. along old B. & O. Ry. to Homerville

Sullivan, 1.10 mi. e. of, on s. side of old B. & O. Ry. +ing, n.-s. rd., e. side of road, in foot of s. post of gate; copper B. M. nail	1121.90
Sullivan, 2 mi. e. of, 80 ft. w. of n.-s. rd., on s. side of old B. & O. Ry. right-of-way, in field, in root on n. e. side of 3-ft. maple tree; copper B. M. nail	1111.70
Sullivan, 3 mi. e. of, on e. side of n.-s. rd., s. side of old B. & O. Ry. right-of way; top of e. end of 2-ft. steel drain pipe under road	1096.86
Homerville, 1.25 mi. w. of, just w. of old B. & O. Ry. +ing, Homerville-Sullivan rd., on s. side of rd., w. side of driveway to res., in root on n. e. side of e. tree of 2 maple trees in front of res.; copper B. M. nail	1098.00
Homerville, n. w. cor. of public square, top of step at foot of column, at front entrance to E. J. Nausel's general store; chiseled sq. marked "U. S."	1081.17

Near Homerville w. along highway to Sullivan

Homerville, 2.10 mi. w. of, 675 ft. w. of +rds., on s. side of rd. at fence line, in root on n. w. side of 4-ft. oak tree; copper B. M. nail	1109.83
Sullivan, 1.85 mi. e. of, 0.23 mi. w. of +rds., 100 ft. w. of house on s. side of rd., top of w. end of s. heading of concrete culv. under rd.; chiseled square	1117.17
Sullivan, 0.90 mi. e. of, 0.20 mi. w. of +rds., top s. w. cor. of concrete highway bridge over creek; chiseled square	1119.80

Grafton s. w. along highway to Lagrange, thence e. to Belden, thence n. w. to Grafton

Lagrange Sta., 0.60 mi. n. e. of Big Four Ry. milepost "Cleveland 29", n. side of tracks; top spike on track side, top of w. concrete post of rail stand	826.85
Lagrange, in brick wall of Public Hall, facing Soldier's Monument; **bronze tablet** stamped "825 Canton"	**825.967**
Lagrange, 1.0 mi. e. of, 60 ft. e. of T rd. n., top of s. end of stone culv. under highway; chiseled square	830.24
Lagrange, 1.80 mi. e. of, n. e. cor. of +rds., at fence cor., in root on s. e. side of 2-ft. maple tree; copper B. M. nail	828.03

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	Feet
Belden, 2 mi. w. of, 125 ft. w. of +rds., on n. side of rd. at fence line, in root on s. side of 2-ft. elm tree; copper B. M. nail	828.46
Belden, 1 mi. w. of, 75 ft. e. of +rds., on s. side of rd., in root on n. e. side of 3-ft. elm tree; copper B. M. nail	850.11
Belden, in s. w. cor. of C. L. & W. Ry. brg. over highway; **bronze tablet** stpd. "874 Canton"	873.970
Belden, 0.90 mi. n. w. of, on e. side of C. L. & W. Ry., top n. post of rail stand at milepost L. 17, B. 144; copper B. M. nail	852.81

Belden south along highway to Lodi

Litchfield, 300 ft. s. of square, in e. wall of public schoolh.; **aluminum tablet** stamped "1010 Canton"	1010.143
Chatham, in n. e. cor. of found'n of Academy Hall, public school; **bronze tablet** stamped "Prim. Trav. Sta. No. 23—A1094"	1094.535

Lodi w. along B. & O. Ry. and highway to Sullivan

Lodi, at n. e. cor. of Taylor Inn, in stone step; **bronze tablet** stamped "Prim. Trav. Sta. No. 4—927"	927.406
Esselburn, 1 mi. e. of, in n. side of n. e. cor. of stone culv.; **bronze tablet** stpd. "946 Canton"	946.422
Homerville, 400 ft. n. of square, in found'n of private residence; **bronze tablet** stamped "1083 Canton"	1083.776

Sullivan n. along rd. to Wellington, thence n. e. along C. C. C. & St. L. Ry. and highway to Belden

Sullivan, 3 mi. n. of, 0.25 mi. n. of +rds., e. side of rd., in stone culv., in top of; **bronze tablet** stamped "1054 Canton"	1055.393
Wellington, 3.75 mi. s. of, w. side of rd., 200 ft. s. of T road w., top of stone culvert; **bronze tablet** stamped "928 Canton"	929.307
Wellington, in n. side of Herrick Public Library, in stone found'n; **bronze tablet** stamped "859 Canton"	860.308

2 mi. s. w. of Lodi w. to 1.5 mi. w. of Sullivan (precise line)

Lodi, 2 mi. s. w. of, in n. w. end of small culv. at teleg. pole 38/25½; **copper bolt** (B. & O. B. M. 473)	914.365
Lodi, 3 mi. s. w. of, on brg. 118, at teleg. pole 39/24½; **copper bolt** (B. & O. B. M. 474)	943.523
Lodi, 4 mi. w. of, in n. cor. of w. abut. on brg. 120, teleg. pole 40/27; **copper bolt** (B. & O. B. M. 475)	991.217
Homer, 1.8 mi. e. of, in s. end of small culv. at teleg. pole 41/18; **copper bolt** (B. & O. B. M. 476)	1011.129
Homer, 0.25 mi. e. of, at milepost 33; **section of rail** set vertically in ground (B. & O. B. M. 477)	1074.159
Newtons, 500 ft. w. of, at teleg. pole 44/10; **section of rail** set vertically in ground (B. & O. B. M. 478)	1095.284
Newtons, 1 mi. w. of, in s. end of small culv. at teleg. pole 45/10; **copper bolt** (B. & O. B. M. 479)	1094.515
Newtons, 1.8 mi. w. of, set in n. end of small culv. at milepost 30; **copper bolt** (B. & O. B. M. 480)	1101.007

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	Feet
Sullivan, 1.5 mi. e. of, at milepost 29; **section of rail** set vertically in ground (B. & O B. M. 481)	**1119.297**
Sullivan, at s. w. cor. of schoolh., in vertical surface of water table; **bronze tablet** stamped "1136 Canton ADJ 1903"	**1137.443**
Sullivan, about 300 ft. e. of sta., on culv. at teleg. pole 48/14, in w. end of n. coping; **copper bolt** (B. & O. B. M. 482)	**1122.261**
Sullivan, about 1.5 miles w. of, at milepost 26; **section of rail** set vertically in ground (B. & O. B. M. 483)	**1126.851**

Wellsville Quadrangle

East Liverpool n. via Calcutta and Sprucevale to Clarkson

East Liverpool, city hall, in found'n stone, n. w. cor.; **aluminum tablet** stamped "731 Stbnvl."	**731.155**
East Liverpool, River View Cemetery, Soldier's Memorial Hall; on bottom step at s. e. corner	1239.64
East Liverpool, 2 mi. n. of, on Warren road, at rd. to w., on s. w. cor. of stone culv. on w. side of rd.; chiseled cross	1134.92
Calcutta, s. e. cor. of Main St., 15 ft. from Trollen Store, at base of teleph. pole, large rock; **aluminum tablet** stamped "1108 Stbnvl"	**1108.082**
Calcutta, 2 mi. n. of, on Warren road, in large stone on w. side of rd., 500 ft. s. of wooden cov. brg.; chiseled circle	935.05
Calcutta, 2.5 mi. n. of, on Warren road, on second stone step of entrance to yard of S. P. Saint; chiseled cross	1054.46
Sprucevale, 1 mi. n. of, on Warren road, in large stone on w. side of gate to Thos. Stevenson's barn; chiseled circle	1031.46
Sprucevale, 1.5 mi. n. of, on Warren road, in stone stoop of Wm. Harmony schoolhouse; chiseled cross	1093.68
Sprucevale, 1.75 mi. n. of, on Warren road, St. Clair-Middleton Tp. line, in large rock at n. w. cor. of field: chiseled cross	1100.89
Clarkson, 0.25 mi. s. of, on Liverpool road, in step of schoolhouse, 100 ft. e. of church; chiseled circle	1190.23
Clarkson, across street from Clarkson Hotel, res. of Dr. Vale, in n. w. cor. of stone coping under wall; **aluminum tablet** stamped "1193 Stbnvl"	**1192.531**

East Liverpool w. to Wellsville, thence n. w. via West Point to Elkton, thence e. to Clarkson

East Liverpool, 1 mi. w. of, in n. w. stone abut. of brg. over large drain on Electric Ry. brg.; chiseled square	743.46
East Liverpool, 2 mi. w. of, on elec. ry., in stone on n. side of track; chiseled +	779.25
East Liverpool, 3 mi. w. of, on electric ry., at w. end of pipe works, in n. w. stone abut. of bridge; chiseled cross	716.92
Wellsville, 0.5 mi. e. of, on electric ry., on s. w. cor. of stone pier, e. of ry. switch; chiseled cross	682 58
Wellsville, cor. 9th and Broadway, in curb at n. e. cor. of parking, e. side of 9th St.; chiseled cross	686.99
Wellsville, City Hall, cor. Fifth and Main Sts., under second window from n. on e. side of building, in top of found'n; **aluminum tablet** stpd. "709 Stbnvl"	**708.323**
Wellsville, 0.75 mi. n. of, on Lisbon rd., rd. w. down hill, in large rock on w. side of road; chiseled circle	858.20

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	Feet
Wellsville, 1.25 mi. n. of, on Lisbon rd., in large stone on e. side of rd., 20 ft. n. of stone watering trough, white house to n.; chiseled circle	975.69
Wellsville, 3.5 mi. n. of, on Lisbon rd., Highland town rd. to w., on n. w. cor. of front steps to Yellow Creek Presbyterian Church; chiseled square	1203.13
West Point, iron brg. over West Fork Little Beaver Cr., n. w. abut.; chiseled circle	907.66
West Point, in n. w. abut. of iron brg. over West Fork Little Beaver River; **aluminum tablet** stamped "907 Stbnvl"	**906.148**
West Point, 1 mi. n. of, on Lisbon rd., in large rock on e. side of rd., opposite by-road w. to Lisbon-Steubenville road; chiseled circle	1007.19
Cream Ridge schoolh., 1.5 mi. n. e. of Georgetown Road +ing, in top step of white schoolhouse on summit of hill, 200 ft. w. of road; chiseled circle	1226.41
Wellsville along C. & P. Ry. and rd. via Hammondsville to Knoxville	
Yellow Creek, 2 mi. n. of, C. & P. Ry., in n. e. abut. of brg. 55; chiseled circle	687.88
Yellow Creek, 1 mi. n. of, C. & P. Ry., in s. e. abut. of brg. 56; chiseled circle	687.51
Hammondsville, n. w. abut., brg. over creek on rd. to Wellsville; chiseled circle	690.19
Hammondsville, 0.5 mi. s. of, rd. forks to s. e. side of rd., on large piece of sandstone; chiseled circle	738.36
Hammondsville, 1.5 mi. s. of, n. side of rd., on stone; chiseled circle	834.78
Hammondsville, 2.5 mi. s. of, e. side of Tunnel Mill rd., on large flagstone; chiseled circle	716.54
Hammondsville, 3 mi. s. of, on w. side of Tunnel Mill rd., at edge of ravine, on large flat rock; chiseled circle	756.68
New Somerset, store and former postoffice of N. C. Yeagley, in n. e. girder stone; **bronze tablet** stamped "1220 Stbnvl"	**1219.364**
Hammondsville w. along railroad to Irondale	
Cream City, n. end of, in s. e. abut. of C. & P. Ry. brg. 52; chiseled circle	706.49
Irondale, 400 ft. s. of C. & P. Ry. track, s. e. abut, of wagon brg. over North Fork Yellow Creek; **bronze tablet** stamped "717 Stbnvl"	**716.918**
Irondale, 1.5 mi. n. of, on C. & P. Ry., in n. e. abut. of brg. 48; chiseled circle marked "748"	748.01
Ohio River B. M. (Army Engineers' precise line)	
East Liverpool, on W. Va. shore, opposite Jackson St., Army Engineers' U. S. B. M. 43-A, on rock (28 ft. x 30 ft.); **cut** on top near cen., Elev. 664. 804	**664.579**

West Cincinnati Quadrangle

Winton Place w. to Cleves, thence n. e. to Barnesburg

Winton Place, 400 ft. s. e. of sta.; Big Four Ry., w. end of n. abut. of plate girder ry. brg.; highest pt. in **circular depression** where tablet had been	**497.974**
Cheviot, intersec. of Walnut St. and Harrison pike; **aluminum tablet** stamped "Cin. 915"	**914.070**
Cleves, twp. hall, found'n. of n. w. cor. of; **bronze tablet** stamped "Cin. 499"	**498.232**
Miami, large steel brg. across Miami River, top of s. end of e. abut.; **bronze tablet** stamped "Cin. 522" (Found in 1915 badly mutilated, ⅔ cut away)	**521.450**
Barnesburg, 0.5 mi. n. w. of, on Bluerock pike, s. cor. of found'n. of St. Paul German Evangelical Church; **aluminum tablet** stamped "Cin. 863"	**862.734**

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Miami s. w. along highways to near Hooven

	Feet
Maimi, on large steel brg. across Miami River, at s. end of e. abut., on top of second course of stone from top; **chiseled square** "520" painted on rock	520.294
Miami, 1.04 mi. s. w. of, about 700 ft. s. of pt. where e. line of sec. 1 crosses pike, on Miami-Elizabethtown pike, 200 ft. s. of Mrs. A. Law's res., on cen. of e. concrete parapet to brg.; chiseled sq., "516" painted on parapet	515.71
Miami, 2.04 mi. s. w. of, on Miami-Elizabethtown pike, 100 ft. w. of Roy Reese's res., in base of tel. guy pole; sixty penny spike, "534" painted on guy pole	534.48
Miami, 3.04 mi. s. w. of, T. 1 N., R. 1 E., near pt. where rd. crosses s. e. cor. of sec. 3, on Miami-Elizabethtown pike, 200 ft. n.e. of fishing camp, on n. header at w. end of tile culv.; chiseled sq., "520" painted on tel. pole near	520.18

Ivorydale s. to Cincinnati, thence w. to North Bend (precise line)

Ivorydale, suburb of Cincinnati, on C. H. & D. Ry., 100 feet s. of sta., on n. abut. of brg. 4 over Mill Cr., w. end of bridge-seat course, 6-in. n. of obtuse angle of wing wall; **chiseled square** (C. & G. S. B. M. M4).....	499.485
Winton Place, on C. C. C. & St. L. Ry., on n. abut. of brg. over Mill Cr., w. end, on coping stone. Original disk has been removed; part taken as B. M. is highest pt. of **ring** cut in stone (C. & G. S. B. M.,U.S.G.S. No. 498)...	497.974
Cincinnati, n. part of city, on Miami & Erie Canal, 0.5 mi. n. of Clifton Springs, on Spring GroveAve., tumble of canal, on n. wall, 2d step below brg. seat, 6.6 ft. w. of w. side of wooden brg., 5-in. from face of stone and 6-in. from end of stone; **chiseled square** (C. & G. S. B. M. Q4)	541.285
Cincinnati, n. part of city, on B. & O. Ry., on s. abut. of brg. 3 over Spring Grove Ave., e. end, on first course below bridge-seat course, on top of first course of sandstone above limestone, on its n. e. corner, 6-in. from either face; **chiseled square** (C. & G. S. B. M. N4)	500.969
Cincinnati, w. part of city, B. & O. Ry. viaduct 90 over Gest St., n. abut., w. end, on 2d step and 2d course below bridge-seat course, 5 ft. 6-in. below top of rail, 16 ft. w. of rail, 6-in. from face of, and 8-in. from end of stone; **chiseled square** (C. & G. S. B. M. O4).....	491.656
Cincinnati, n. e. cor. of Richmond and Freeman Sts., on extreme s. w. cor. of watertable of building; **chiseled square** (C. & G. S. B. M. Cincinnati City)	504.316
Cincinnati, e. end of Richmond St., e. side of Central Ave., 4.7 ft. s. of prolongation of n. curb line of Richmond St., on s. w. cor. of four-story brick bldg. owned by Mrs. Sarah Neare, on s. end of doorstone, 6-in. from either face cor.; **square cut** (C. & G. S. B. M. P4).....	545.301
Cincinnati, courth., 5.37 ft. directly above No. 1 or T; horizontal scratch on silvered **metal plate** set flush with masonry and cov. by iron plate, locked in place (C. & G. S. B. M., Reference mark to Cincinnati City No. 1)	551.910
Cincinnati, n. e. cor. of Fifth and Main Sts., e. side post-office bldg., n. end of third window base from s. e. corner, 8-in. s. from pilaster base supporting columns, 8-in. back (w.) from edge of stone, w. of deep area way approached only through window of bldg. or by aid of plank; **brass bolt** leaded vertically, marked with circle (C. & G. S. B. M. Y4).....	553.078
Cincinnati, n. e. cor. of Front & Butler Sts., w. end pier of Newport Brg., beside L. & N. Ry. brg., on 3d course above ground, 10-in. n. of s. face and 4.4 ft. above pavement; **brass bolt** marked with horiz. line (C. & G. S. B. M. Z4)	490.818
Cincinnati, n. entrance to waterworks bldg. on Front St., 0.28 mi. above L. & N. brg., on w. side of bldg., on iron doorsill, s. w. end, 5-in. n. of s. jamb of door, 5-in. back from front edge of sill, cen. of **cross** cut diagonally across corrugations. This B. M. is said by city authorities and U. S. Gage Book to be at elev. corresponding to 60.389 on gage (C. & G. S. B. M. Gage B. M.)	491.633

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	Feet
Cincinnati, w. part of city, on e. abut. of lower rd. brg. at Eighth St. over Mill Creek, s. side, 71 ft. e. of w. end of this abut. and 15.5 ft. w. of e. end, and 2.17 ft. below coping; **brass bolt** marked with horizontal line. Arrow cut on vertical face of coping points downward and toward the bench (C. & G. S. B. M. U4)	493.987
Cincinnati, w. part of city, on bank of Ohio River, between ry. tracks and Front St., in vertical plane with w. wall of first house (No. 2658) w. of Lutheran Church "Deutsche Ves. Ev. Prot. Martini Kirche A. D. 1892," on coping of heavy retaining wall, called "Big Four wall," about 160 ft. e. of w. end of wall; **chiseled square** (C. & G. S. B. M. V4)	504.328
Cincinnati, w. end of C. C. C. & St. L. Ry. retaining wall between Front St. and ry. tracks, 5.7 ft. below top of coping and 6-in n. of s. face of wall; cen. of **indented point** surrounded by triangle (C. & G. S. B. M., U.S.H.)	499.589
Sedamsville, intersec. of Delhi. Ave. and st. car tracks, on walk near wall at n. e. cor. of Hartman's saloon, 8-in w. of cor. of water table and 2-in. out from wall; **chisel mark** later enlarged to sq. (C. & G. S. B. M., U. S.G.S.)	491.676
Cincinnati, s. w. quar. of city, on Liston Ave., opposite No. 3538, s. side sta. of C. C. C. & St. L. Ry., on n. e. cor. of bldg., n. face., on first course of stone below water table, 3.9 ft. above sidewalk, and 4-in. w. of e. corner; **brass bolt** marked with a horizontal line (C. & G. S. B. M. W4)	494.482
St. Joseph, 8.5 mi. w. of Cincinnati, on C. C. C. & St. L. Ry., on n. bank of Ohio River, 48 ft. w. of s. w. cor. of sta. and 56.25 ft. s. of s. face of sta., 4.8 ft. s. of s. edge and 2.7 ft. below top of retaining wall of C. C. C. & St. L. Ry., on e. end of stone box culv. under rd +ing, between B. & O. S. W. and C. C. C. & St. L. tracks and parallel with them; **chiseled square** on projecting part of s. wall supporting covering stone (C. & G. S. B. M. X4)	485.915
Delhi, 81 ft. w. of w. side of B. & O. sta.; **stone** supposed to be B. M. No. LXV of transcontinental line of 1879, nothing resembling bench identification mark was found, but portion of stone had been chipped off. The elev. of low point in irregular sq. was taken. Stone forms found'n of C. C. C. & St. L. sta. platform and is below plank (C. & G. S. B. M. Canal stone)	487.719
Delhi, 2 mi. w. of, on coping stone of double arch culv., n. side, over buttress between e. arch over Muddy Creek and w. arch over ry. track, 85 ft. e. of w. end of coping, 9 in. e. of n. face and 2.2 ft. above top of rail; **chiseled sq.** (C. & G. S. B. M. B5)	494.157
North Bend, on line of C. C. C. & St. L. Ry., on viaduct brg. opposite B. & O. S. W. Ry. sta., on e. abut., w. face, 23.6 ft. n. of s. end and 3.9 ft. above ground; **brass bolt** marked with horizontal line (C. & G. S. B. M. C5)	491.765

On left shore of Ohio River (precise line of Army Engineers)

Covington, Ky., on Covington and Cincinnati highway brg. (suspension) Army Engineers' U. S. B. M. 468-B, on e. side of brg. about 3 ft. above ground; **cut** on s. face of pier, Elev. 450.709	450.169
Cincinnati, on Covington and Cincinnati Highway brg. (suspension) Army Engineers' U. S. B. M. 468-C, on e. face of Ohio pier; **seat** cut about 2 ft. above ground, Elev. 446.724	446.184
Covington, Ky., on C. & O. Ry. brg. across Ohio River, Army Engineers' U. S. B. M. 469-A, on e. end of land pier; **cut** about 2 ft. above ground (1900). Elev. 473.707	473.167
Ludlow, Ky., on Cincinnati Southern Ry. brg. across Ohio River, Army Engineers' U. S. B. M. 470-A, on s. side of circular pier; **cut** 4 ft. above ground (1900), Elev. 446.191	445.650
Bromley, Ky., Army Engineers' U.S. B. M. 472-A, s.e. of highest stack of Fleishmann's distillery, on opposite side of river, e. of Government light, n. of one story frame house; **metallic B. M.** buried in ground about 2-ft. below surface, Elev. 455.231	454.689

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	Feet
Culloms Dike, opposite root of, Army Engineers' U. S. B. M. 473-A, between first and second rows of trees at extreme top of river bank and between 11th and 12th rows of trees counting from ravine at downstream end of cherry orchard; **metallic B. M.** sunk 2 ft. below surface of ground, Elev. 481.274	**480.732**
Constance, Ky., on res. of C. Kottmyer, Army Engineers' U. S. B. M. 475-A, 10.7 ft. e. of n. cor. of house which is 300 ft. from top of river bank and n. and e. of rds.; **cut** on stone lintel of window on n. face of house, Elev. 493.497	**492.955**

West Columbus Quadrangle

Columbus w. along National Pike to Big Darby Creek, thence s. to Georgesville, thence e. via Grove City to Spangler Hill

Columbus, 3 mi. w. of, 1 mi. n. e. of Camp Chase, 400 ft. n. of C. C. C. & St. L. Ry., in top of w. parapet wall of arch culv., on Sullivan pike; **aluminum tablet** stamped "788 Columbus 1899" (destroyed)	**788.494**
Columbus, 6 mi. w. of, on e. end of culv. under + rds. at church; chiseled sq.	840.58
Columbus, 7 mi. w. of, on w. end of culv., on n. side of National pike under n.-s. rd.; chiseled square	873.21
Columbus, 9 mi. w. of, on e. end of culv. under rd. n. at Rome; chiseled sq.	924.30
Columbus, 9.5 mi. w. of, on n. end of arch culv. near rd. s.; chiseled square	920.89
Alton, 0.5 mi. e. of, on w. wing, n. end of arch culvert; chiseled square	909.97
Alton, 0.5 mi. w. of, on n. parapet wall of arch culv.; chiseled square	907.60
Alton, 3 mi. w. of, on n. end of culvert near road n.; chiseled square	926.38
West Jefferson, 1.75 mi. e. of, in first step of n. wing of e. abut. of bridge over Big Darby Creek; **aluminum tablet** stamped "869 Columbus 1899"	**868.965**
Georgesville, about 2.5 mi. n. e. of, 2 mi. s. of National pike, on n. end of schoolhouse; chiseled cross	927.24
Georgesville, 1.5 mi. e. of, on w. end of culv., 500 ft. n. of e.-w. rd. to Georgesville; chiseled square	921.20
Grove City, 4.5 mi. w. of, on brg. seat, s. e. cor. of 10 ft. bridge; chisel mark.	887.58
Grove City, 0.75 mi. w. of, on wing wall, s. w. cor. of 15-ft. brg. chiseled sq.	873.22
Grove City, 4.5 mi. e. of, on s. w. end of parapet wall, s. w. corner of bridge over Scioto River; chisel mark	706.26
Columbus, 6 mi. s. of, on second step w. abut., n. wing of canal brg.; chiseled sq.	700.78

Grove City n. e. to Columbus

Grove City, on n. end of threshold of door to postoffice; chiseled square	851.40
Grove City, 1000 ft. n. of, on e. end of small brg. abut.; chiseled square	840.81
Urbancrest, 900 ft. s. w. of sta., 280 feet w. of ry., in limestone post; **bronze triangulation tablet** stamped "836 Columbus 1899" (South Base)	**836.211**
Urbancrest, top of parapet wall, w. end of culv. under Grove City rd.; chiseled sq.	832.95
Columbus, 4.2 mi. s. w. of, on threshold of n. door of schoolh. No. 5; chiseled +	769.06
Briggsdale, 0.5 mi. n. of, on land of H. C. Detweiler, North Base triangulation sta., w. of electric rd. and s. of road, in top of limestone post; **bronze tablet** stamped "762 Columbus 1899"	**762.386**
Columbus, 3 mi. s. w. of, on top of boulder at rd. cor. w.; chiseled square	770.32
Corner of Mound St. and Central Ave., mark on w. end of culv.; chiseled sq.	723.09

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Georgesville s. to Derby, thence e. to Commercial Point, thence n. to Grove City

Georgesville, 4 mi. s. e. of, on w. end of small bridge; chiseled square	885.56
Georgesville, 4.5 mi. s. e. of; top of boulder at e.-w. rd. corner, T road	882.47
Harrisburg, 3 mi. n. of, in w. end of brg. seat, n. abut., brg. over Big Darby Creek; **aluminum tablet** stamped "813 Columbus 1899"	**812.840**
Harrisburg, 4 mi. n. w. of, on s. end of small bridge; chiseled square	920.77
Harrisburg, 4 mi w. of, on boulder at n. e. corner of road north	949.13
Harrisburg, 4 mi. w. of, common cor. of Franklin, Pickaway, and Madison counties, in stone cor. post; **aluminum tablet** stamped "933 Columbus 1899"	**933.165**
Derby, 0.5 mi. n. w. of, cen. of n.-s. rd. and Derby rd.; top of stone monument	916.20
Derby, 0.5 mi. s. e. of, w. cor. of small iron brg., in brg. seat; **aluminum tablet** stamped "903 Columbus 1899"	**903.330**
Derby, 3.5 mi. e. of, top of boulder, center of crossroad leading west	840.80
Derby, 4.5 mi. e. of, in center of road to creek; top of boulder	831.30
Commercial Point, 3 mi. w. of, cen. of e.-w. rd.; cen. of stone monument	846.37
Commercial Point, in watertable at s. w. corner of school building; **aluminum tablet** stamped "792 Columbus 1899"	**792.066**
Duvall, 2.5 mi. w. of, top of s. end of w. pier of Scioto Riv. brg.; chiseled sq.	691.02
Grove City, 1 mi. s. of, top of w. end of parapet wall of small bridge	865.50

Near Columbus

Marble Cliff, cor. between Franklin and Norwich Tps., on w. side of T. & O. C. Ry. track inside ry. fence; top of Tp. corner **post**	**823.101**

Westerville Quadrangle

East Columbus along roads via Parks Mills to New Albany

Road w. fording Alum Cr., on rock on s. w. cor., 2 ft. lower than rd.: chiseled +	798.72
Parks Mills P. O., on large stone on n. e. cor. 700 ft. s. of; chiseled cross	813.86
Parks Mills, cov. brg. over Alum Creek, s. e. abut., 4th step from top; **bronze tablet** stamped "773 Columbus"	**773.554**
Sunbury pike and Granville pike, on n. e. cor. of, on large boulder; chiseled +	845.44
Covered brg. over Big Walnut Cr., on flat stone on n. w. cor. of floor; chiseled +	826.98
Harlem, rd. n. to, 1.5 mi. e. of Big Walnut Creek, signboard marked "Harlem 5 mi., New Albany 2½ miles", on boulder at side of pike; chiseled cross	975.22
New Albany, 1.25 mi. w. of, 400 ft. w. of brick schoolh., on s. e. cor. of brg. over Rocky Fork; bolt	959.75

New Albany, e. 1.8 mi., thence s. via Oakland to Reynoldsburg

New Albany, 1.3 mi. e. of, on top stone of s. e. abut. of cov. brg. over Blacklick Creek; **chiseled cross**	**1063.768**
New Albany, 1.8 mi. e. of, on stone near wooden culv. cor.; **chiseled cross**	**1092.751**
Oakland Corners, 2 mi. s. of Granville pike, on large stone on n. e. cor., 10 ft. n. of corner post; **chiseled cross**	**1072.930**
Havens Corners, 1.5 mi. e. by 1.5 mi. n. of, on large stone on s. w. corner of three corners; chiseled cross	1050.05

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	Feet
Havens Corners, 1.5 mi. e. by 0.6 mi. n. of, 5 mi. n. of Reynoldsburg, +rds., in stone 15 ft. s. e. of cen. of rds; **cross cut**	**1028.914**
Havens Corners, 1.5 mi. e. of, at +rds. in e. wall of found'n of brick schoolh.; **bronze tablet** stamped "1022 Col"	**1022.453**
Blacklick, P. O., rd. w. to, 3 mi. n. of Reynoldsburg, on large boulder on s. w. corner; chiseled cross	1008.22

Parks Mills n. along public rds. via Westerville and Africa to Gregory

Westerville, Hotel Holmer, on e. cor. lower front step; chiseled cross	866.84
Westerville, Association Hall, Otterbein College, on n. e. cor., in top stone of foundation; **aluminum tablet** stamped "859 Col"	**860.472**
Westerville, 0.5 mi. n. of, rd. w., 1000 ft. n. of car barn, on large flat stone on s. w. corner; chiseled cross	880.52
Westerville, 1.5 mi. n. of, +rds., highest pt. of boulder on s. w. cor.; chiseled +	909.68
Westerville, 3.75 mi. n. e. of, on highest pt. of boulder on s. e. cor.; cross cut	938.82
Africa, 1.5 mi. e. of, 0.75 mi. w. of C. A. & C. Ry., on s. w. cor. of large stone; cross cut	958.30
Africa, at pump, 500 ft. e. of cor., on stone; chiseled cross	873.05
Africa, Corners, on large flat stone on s. e. cor.; + cut on n. w. cor. stone	863.00
Africa, 0.25 mi. w. of; iron brg. over Alum Creek, (destroyed)	**833.642**
Africa, 0.75 mi. n. of, in top of boulder on n. e. cor. of schoolh., on rd. e.; + cut	852.03
Africa, 1 mi. n. of, on large stone in cen. of rds. at four cors.; + cut	849.40
Africa, 1 mi. n. by 0.5 mi. w. of, +rds., 0.25 mi. w. of cov. brg., on top stone of culv. on s. w. cor.; +cut	851.35
Lewis, 1 mi. e. of, on highest pt. of boulder on s. w. cor. of four cors.; + cut	940.75

Gregory e. along public rds. via Rome and Sunbury to Van Valley, thence s. to New Albany

Cheshire, on n. w. corner of large flat stone in front of store on s. e. corner; chiseled cross	907.44
Cheshire, 1 mi. e. of, middle of 4 corners, near schoolh., on Twp. stone; + cut	949.94
Rome, on large granite stone on n. e. cor. of 5 corners; chiseled cross	964.40
Little Walnut Creek, on top stone of n. e. abut. of brg. over; chiseled cross.	906.17
Rome, 1 mi. e. of, on boulder at 3 corners; chiseled cross	914.47
Sunbury, 1.0 mi. n. w. of, cor. of Sunbury and Delaware rd. and pike w., on large stone at cor. fence post, on s. w. cor.; chiseled +(on Marengo Quad.)	964.60
Sunbury, cor. n. w. of square, on large stone at curb on n. e. cor.; chiseled +	968.16
Sunbury, City Hall, on n. e. cor., in found'n; **aluminum tablet** stpd. "970 Cols"	**970.757**
Sunbury, 1 mi. n. e. of, 12 ft. w. of milepost C-22, C. A. & C. Ry.; top of concrete rail post, marked "1032.6"	1030.95
Sunbury, 2.5 mi. s. e. of, on large stone, s. side of main rd., rd. n.; chiseled +	1051.68
M. E. Church, rd. s. w. by, on projection of found'n on n. e. cor. of church; chiseled cross	1058.08
Van Valley, rd. s. to Centerville, on large stone on n. side at cor.; chiseled +	1053.89
Johnstown Road, 600 ft. s. of, on water table on n. w. corner of schoolhouse Subdistrict No. 4; + cut	1062.26
Van Valley, 0.1 mi. s. of, schoolh., at n. w. cor., in top stone of foundation; **aluminum tablet** stamped "1061 Cols"	**1062.045**

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Center Village, on large stone in cen. of Main Corners; cen. stone of Tp....	1071.80
Center Village, schoolh., subdivision 6, on n. e. cor. of found'n, in top of cor. stone; **bronze tablet** stamped "1068 Cols".....	**1068.721**
Center Village, 1 mi. s. of, rd. w., on small stone in rds. at cor.; cross cut..	1056.40
Center Village, 1.25 mi. s. of, on large stone on s. e. cor. of rd. e.; chiseled +	1048.30
Delaware-Franklin county line, 1 mi. n. of, on small stone in grass plat at cor. of road w.; chiseled cross.....	1049.60
County line, 0.25 mi. n. of, on large stone in middle of four cors.; chiseled +.	1040.09
County line, on county stone in rd. e.; chiseled cross.....	1038.17
County line, 1 mi. s. of, on top stone of s. w. abut. of small bridge at four corners, jog; chiseled cross	1028.95
New Albany, 1.5 mi. n. of, on n. e. abut. of small brg., on rd. n. w.; chiseled +	1029.32
New Albany, 1 mi. n. of, on small stone on s. e. cor. of four cors.; chiseled +	1028.13
New Albany, 700 ft. n. of central cors., on top stone of n. w. abut. of bridge in front of schoolhouse; chiseled cross.....	1028.50
New Albany, schoolh., in n. e. cor. stone of found'n n. side; **aluminum tablet** stamped "1033 Cols".....	**1033.845**

West Manchester Quadrangle

Pittsburg s. to Verona

Gordon, n. face of n. w. cor. of elevator; **aluminum tablet** stpd. "1049 ADJ 1905"	**1049.265**

Pittsburg w. along Big Four and Penna. Ry. to New Madison, thence along rd. s. to 2 mi. n. of Gettysburg, thence e. to Bachman

Arcanum, n. face of n. e. cor. of found. of Keller's grain elevator at s. w. cor. of Big Four Ry. and D. & U. Ry.; **aluminum tablet** stpd. "1053 ADJ 1905"..	**1052.523**
Beechgrove +rds., 0.25 mi. n. of ry. track, in s. face of corner stone at s. w. cor. of Timothy Reformed Church; **aluminum tablet** stpd."1096 ADJ 1905"..	**1095.897**
Savona, on w. side of C. N. Ry. and about 900 ft. n. of Big Four Ry. and C. N. +ing, at e. side of Patty & Coppock grain elevator, in base of brick chimney; **aluminum tablet** stamped "1106 ADJ 1905"	**1106.073**
New Madison, in w. face of s. w. cor. of U. B. Church; **aluminum tablet** stamped "1113 ADJ 1905"	**1113.141**
Yankeetown, 3 mi. s. of New Madison, 5 mi. w. of Castine, in e. face of s. w. cor. of schoolh., 900 ft. s. of +rds.; **aluminum tablet** stpd."1192 ADJ 1905"..	**1192.219**
Gettysburg, 2 mi. n. of, in watertable of e. face of n. e. corner of McFadden schoolh., 250 ft. s. of cor. of T rd. s.; **aluminum tablet** stpd."1198 ADJ 1905".	**1197.437**
West Manchester, 1.5 mi. w. by 2 mi. s. of, in brg. seat at n. e. cor. of steel brg. over Price Cr., 600 ft. n. of Dunkard Church on n. and s. rd.; **aluminum tablet** stamped "1103 ADJ 1905"	**1102.719**
Euphemia, 2.25 mi. w. of, in cen. pier of s. end of Mrs. C. Weaver's barn on n. side of National rd.; **aluminum tablet** stamped "1076 ADJ 1905"....	**1076.206**
Lewisburg, at s. e. cor. of old Lutheran Church, at n. edge of town, in n. e. face of cornerstone; **aluminum tablet** stamped "989 ADJ 1905".....	**989.220**

New Lexington (Twin P. O.) w. to Eaton, thence n. w. to Newhope, thence n. to Gettysburg and w. 1 mile

New Lexington (Twin P. O.), in e. face of s. e. cor. of New Lexington school building; **aluminum tablet** stamped "899 ADJ 1905".....	899.020

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	Feet
Eaton, 2.9 mi. e. of, 1 mi. n. of Eaton pike, in brg. seat at s. e. cor. of bridge over Banta's Fork; **aluminum tablet** stamped "932 ADJ 1905"	**931.712**
Newhope, (Upshur P. O.), in s. found'n near cen. of U. B. Church at n. e. cor. of +rds., near cen. of village; **aluminum tablet** stamped "1153 ADJ 1905"	**1154.289**
Gettysburg, (Ebenezer P. O.), at n. edge of village, in w. face of s. w. cor. of vestibule to schoolhouse; **aluminum tablet** stamped "1177 ADJ 1905"	**1176.583**
Gettysburg, 0.96 mi. w. of, on National pike, 100 ft. e. of Y rd., on s. side of rd., at entrance to E. V. Slamback's garage, on header over tile culv.; chiseled sq.	1169.25
2.7 miles southwest of Newhope	
Newhope, 1.5 mi. w. and 1.2 mi. s. of, in e. abut. of small stone brg.; **aluminum tablet** stamped "1204"	**1204.305**

West Salem Quadrangle

Sullivan s. 4.3 mi., thence e. along rd. via West Salem and Aukerman Crossing to Canaan

Sullivan, 4.55 mi. s. of, s. e. cor. found'n of schoolh.; **aluminum tablet** stpd. "1147"	**1147.700**
Polk, 2 mi. n. of, 5.9 mi. w. of West Salem, cor. stone in cen. of +rds.; chiseled sq.	1243.81
West Salem, 4.99 mi. w. of, T rd. n., in center of, stone; chiseled mark	1236.89
West Salem, 3.98 mi. w. of, +rds., s. w. cor. of St. Johns Reformed Church, **aluminum tablet** stamped "1173"	**1174.522**
West Salem, 3.24 mi. w. of, Albion, in cor. stone at +rds.; chiseled square	1145.48
West Salem, 1.37 mi. w. of, on stone 75 ft. e. of T road n. e.; chiseled mark	1104.50
West Salem, s. w. cor. found'n town hall; **aluminum tablet** stamped "1119"	**1120.256**
West Salem, 1.68 mi. e. of, n. side of road and 25 ft. w. of intersec. of crossroads; chiseled mark on stone	1096.72
West Salem, 2.4 mi. e. of, w. abut., n. brg. seat small iron brg.; **aluminum tablet** stamped "1027"	**1028.121**
West Salem, 2.90 mi. e. of, in cen. of crossroads, on stone; chiseled mark	1114.36
West Salem, 3.90 mi. e. of, at +rds., on w. coping of stone culv.; chiseled sq.	924.82
Aukerman crossing, 0.53 mi. n. of, 2 mi. s. of Burbank sta., n. side of rd. and 23 ft. w. of B. & O. track, in old brg. abut.; **aluminum tablet** stamped "899"	**899.783**
Aukerman Crossing s. to near Overton, thence s. and w. along highway to Jeromeville, thence n. to near Sullivan	
Armstrong Station, 0.98 mi. n. of, s. abut., e. end of highway brg.; chiseled sq.	910.72
Armstrong Station, e. abut., n. brg. seat, rd. brg.; **aluminum tablet** stpd. "887"	**887.580**
Armstrong Station, 1.14 mi. s. of, w. abut. s. wing wall, w. end bridge over Killbuck River; chiseled square	885.01
Armstrong Station, 1.25 mi. s. by 0.60 mi. w. of, on stone in cen. of n.-s. rd. at private road w.; chisel mark	1196.24
Overton, 2 mi. n. w. of, T rd. w., on stone in rd.; chiseled mark	1014.57
New Pittsburg, 2.25 mi. e. by 2.25 mi. n. of, 385 ft. n. w. of +rds, found. under bay window, e. side of res. of Martha Pfeffer; **aluminum tablet** "1227"	**1227.302**
New Pittsburg, 2.25 mi. e. by 1.25 mi. n. of, +rds., stone in cen. of rds.; chiseled square	1209.74
New Pittsburg, 2.25 mi. s. e. of, Excelsior Hall at T rd. s.; e. found'n wall of; **aluminum tablet** stamped "1168"	**1168.442**

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Jefferson, 2.50 mi. s. w. of, at junc. with diag. rd.; chiseled sq. on stone	1163.55
Reedsburg, 2 mi. s. e. of, +rds., res. of S. W. Oberholtzer, s. w. cor. of found'n, south face; **aluminum tablet** stamped "1015"	**1015.431**
Jeromeville, 2.3 mi. s. e. of, 275 ft. w. of +rds., w. abut., n. brg. seat of small iron brg.; **aluminum tablet** stamped "968"	**968.839**
Jeromeville, on stone in bottom of ditch, w. of plank foot +ing, in s. e. cor. of +rds.; **chiseled square**	**1008.127**
Jeromeville, schoolh., w. found'n wall; **aluminum tablet** stamped "1012"	**1012.403**
Jeromeville, 2 mi. w. of, cor. stone in cen. of +rds.; chiseled mark	1011.68
Jeromeville, 0.95 mi. n. of, n. abut. e. wing wall of iron brg.; chiseled square	1039.76
Jeromeville, 2.88 mi. n. of, cor. stone in cen. of +rds.; chiseled mark	1090.57
Jeromeville, 3.65 mi. n. of, 1200 ft. s. of +rds., small iron brg., s. abut., w. brg. seat; **aluminum tablet** stamped "1041"	**1041.476**
Rowsburg, 2.75 mi. n. w. of, n. line sec. 18, stone in cen. of +rds.; chisel mk.	1088.25
Polk, 4.41 mi. s. of, stone in +rds.; chisel mark	1103.44
Polk, 3.12 mi. s. of, 430 ft. s. of +roads, stone culv., w. coping of; **aluminum tablet** stamped "1183"	**1183.695**
Polk, 1.69 mi. s. of, stone in +rds.; chisel square	1205.21
Polk, front of Christian Church, concrete step, e. face; **aluminum tablet** "1276"	**1276.505**
Polk, 1 mi. n. of; red boulder in +roads	1281.43

At Funk

Funk, at n. w. cor. of +rds.; **iron post** stamped "982"	**981.859**

Wheeling Quadrangle

Smithfield s. e. along Warrenton pike

Smithfield, 5 mi. e. of, T. 5 N., R. 2 W., sec. 27, s. w. quar. of, on s. e. cor. of found'n of Mr. M. B. Cole's barn; **aluminum tablet** stpd. "1214 Steubenville"	*Feet* **1213.730**

Wheeling, W. Va., along C. L.& W. Ry. to Bridgeport

Martins Ferry, on e. side of w. pier of Martins Ferry-Wheeling St. car brg., 6 ft. n. of s. e. cor. of pier and 1.5 ft. off ground, marked U. S. B. M	**651.341**
Bridgeport, s. side of approach to Wheeling-Bridgeport bridge, on coping of, **bronze tablet** stamped "662 Steubenville"	**661.576**

Benwood, W. Va. to Bellaire, Ohio

Bellaire, cor. of Belmont and 32nd Sts., on top step under transom of City Bldg. (on Belmont St.); **aluminum tablet** stamped "667 Steubenville"	**667.751**

On left shore of Ohio River (Army Engineers' precise line)

Windsor Sta., W. Va., 1.2 mi. n. of Virginia Short Cr., 3500 ft. s. of Windsor Sta., Army Engineers' U. S. B. M. 80-A, on P. C. C. & St. L. Ry. brg. No. 11 over Bayne Run; on top of **w. wing wall** of n. abut., Elev. 661.181	**660.824**
Short Cr., 0.1 mi. s. of, Army Engineers' U. S. B. M. 81-A, w. side of ry. track, P. C. C. & St. L. Ry. brg. 12 over Short Creek, on top of s. abut.; **chiseled square**, Elev. 652.929	**652.564**
Culvert No. 14, P. C. C. & St. L. Ry., Army Engineers' U. S. B. M. 83-A, on s. wall of culv., w. side of track; **chiseled square**, Elev. 654.209	**653.841**

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	Feet
Wheeling, W. Va., on Wheeling Water Works pumping sta. in upper end of city, Army Engineers' U. S. B. M. 87-A; on n. w. side of found'n of **smoke stack**, Elev. 663.820	663.438
Wheeling, W. Va., on W. & L. E. Ry. brg. over Ohio River, Army Engineers' U. S. B. M. 88-A; on cen. of **pedestal** which is on w. side of P. C. C. & St. L. Ry. and between ry. and brg. pier in Wheeling, Elev. 662.500	662.114
Wheeling, W. Va., on s. e. cor. of 15th and Chatman Sts., Army Engineers' U. S. B. M. 90-A; on n. front of City Building, 36.7 ft. e. of n. w. **corner of building** and 53.5 ft. s. of s. line of 15th St., Elev. 678.463	678.070
Wheeling, W. Va., on P. C. C. & St. L. Ry. brg. over Caldwell Run, Army Engineers' U. S. B. M. 91-A, 9.5 ft. w. of w. steel girder; on **top course** of stone on n. abut., Elev. 648.541	648.144
Benwood, W. Va., on B. & O. Ry. brg. over Ohio River, Army Engineers' U. S. B. M. 94-A; on e. face of shore pier which is 40 ft. w. of P. C. C. & St. L. Ry., 9.5 ft. n. of s. angle in **base of pier** and 4 ft. above ground (Aug. 1897), Elev. 648.442	648.033

Wilkesville Quadrangle

McArthur s. along H. V. Ry. to Dundas, thence along B. & O. S. W. Ry. n. e. to Zaleski

McArthur, in found'n wall n. side of courth., near e. end; **bronze tablet** stpd. "767 ADJ 1903"	766.733
Dundas, junc. of B. & O. S. W. Ry. and H. V. Ry., 270 ft. w. of sta., culv. on B. & O. Ry., in top stone s. end, e. side, **bronze tablet** stpd. "740 ADJ 1903"	740.266
Dundas, 3 mi. n. e. of, B. & O. S. W. Ry., brg. over creek and rd., in top stone e. abut., on n. side at end of brg.; **aluminum tablet** stamped "707 ADJ 1903"	706.686

Elko (Vinton Station), e. along Old Stage Road to Albany

Prattsville, in front of E. Holden's res., n. side of rd., in large sandstone; **aluminum tablet** stamped "757 ADJ 1903"	757.458
Albany, 6.8 mi. w. of, W. H. Martins' res. on s. side of rd., in s. found'n wall, near e. cor.; **aluminum tablet** stamped "704 ADJ 1903"	703.935
Albany, 4.6 mi. w. of, rd. n., Weaver Chapel, U. B. Church, in front and w. found'n wall; **aluminum tablet** stamped "776 ADJ 1903"	775.917

Langsville s. w. along highway to Vinton

Danville, s. side of found'n to schoolh.; **aluminum tablet** stpd. "781 ADJ 1903"	781.056
Rowlesville, 600 ft. w. of, 100 ft. s. of rd., in natural ledge of rocks; **aluminum tablet** stamped "683 ADJ 1903"	663.229

Vinton n. w. along H. V. Ry. to Dundas, thence s. w. along B. & O. Ry. to Hamden Junction

Durgan; s. end of curbing at depot platform, Hocking Valley Ry.	682.67
Alice, near, sta. in s. found'n to store bldg.; **aluminum tablet** stpd. "708 ADJ 1903"	706.170
Minerton, 300 ft. n. of sta., in brick found'n of pump house, s. side; **aluminum tablet** stamped "628 ADJ 1903"	628.230
Hawk, about 1 mi. s. of sta., n. abut. ry. brg. over Raccoon Cr., in brg. seat; **aluminum tablet** stamped "638 ADJ 1903"	638.590
Hawk sta., in s. end of depot curbing; **chiseled square**	638.654
Hawk, about 1 mi. n. of station, in face of s. portal of tunnel; **aluminum tablet** stamped "649 ADJ 1903"	649.303

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Radcliff, n. end of depot curbing; chiseled square	649.12
Oreton, in s. portal of tunnel; **aluminum tablet** stamped "694 ADJ 1903"	**694.488**
Oreton, 0.25 mi. n. of, in ledge by ry. +ing; chiseled square	703.14
Oreton, 3 mi. n. w. of, quarry face by ry. track, in cut; **aluminum tablet** stpd. "775 ADJ 1903"	**775.049**
Dundas, in culv. near station; **aluminum tablet** stamped "740 ADJ 1903"	**740.241**
Dundas, 2 mi. w. of, near B. & O. S. W. Ry., s. e. cor. of brick church, 100 ft. from ry.; top of found'n course	741.29

Woodsfield Quadrangle

Crabapple s. w. along O. R. & W. Ry. to Lewisville

	Feet
Beallsville, e. of town, rd. +ing above track, 3 feet above rail and s. w. of brg., 3 ft. w. of s. abut., in stone; sq. cut	1222.93
Beallsville, in w. found'n of public schoolhouse, 5.5 ft. n. of s. w. cor., 3 ft. above ground; **aluminum tablet** stamped "1262 Stbnvl"	**1262.105**
Beallsville, w. end of town, at rd. +ing, n. side of rd., e. of track, near lamp post, in curb stone; square cut	1258.77
Beallsville, 1 mi. w. of, at rd. n., n. w. of fork and near drain, 10 feet from fence post, n. w. cor. in stone; square cut	1251.52
Jerusalem, at railway depot, 3 ft. n. of teleg. pole and 6 ft. e. of scale platform, in stone; square cut	1279.00
Jerusalem, 1.5 mi. s. of, rd. e. to Beallsville, 20 ft. s. of teleg. pole, 25 ft. e. of track, in stone; cross cut	1263.95
Coats P. O., wagon brg. over Sunfish Cr., in top stone s. e. abut.; square cut	855.01
Coats, 0.5 mi. w. of, at rd. +ing, e. of track, at e. edge of rd., in stone; sq. cut	893.60
Tunnel Hill, 15 ft. e. of barn, 25 ft. w. of creek rd., on stone; + (line leaves ry. at this point and goes along creek rd.)	891.50
Tunnel Hill, 1 mi. w. of, at lane n., opposite teleg. pole No. 1855; large stone	839.98
Woodsfield, e. edge of town, 35 ft. w. of road +ing, s. of ry., in large dark sandstone; square cut	1101.81
Woodsfield, courth., in top found'n stone, s. e. cor., 30 ft. s. of e. entrance; **aluminum tablet** stamped "1211 Stbnvl"	**1210.529**
Kerr, 0.25 mi. w. of, rd. +ing near large white house, 15 ft. e. of +ing, in n. bank of cut, in black stone; square cut	1213.51
Lewisville, at depot, n. e. cor. of platform, 5 ft. above ground, in top of stone; square cut	1186.41
Lewisville, opposite Distlin Hotel, in n. w. cor. of Oblinger's store, 3 ft. above ground; **aluminum tablet** stamped "1240 Stbnvl"	**1240.313**
Lewisville, n. e. cor. of st. past P. O. and first st. n. of ry. track, just n. of iron brg. over track, in curbstone; square cut	1202.14

Lewisville w. along B. & O. Ry. to Hamilton

Hamilton; on top of rail in front of station	969.9

Lewisville n. e. to Somerton, thence e. via Newcastle to Alledonia

Lewisville, 0.25 mi. n. of, rd. w., middle of fork, in stone; + cut	1235.29
Lewisville, 1 mi. n. of, rd. e., at s. edge of woods, 50 ft. e. of fork, n. side of road, in stone; square cut	1224.22

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	Feet
Lewisville, 1.25 mi. n. of, lane s. into woods, under cor. of rail fence opposite lane entrance; stone	1207.98
Lewisville, 2.75 mi. n. of, n. edge of woods, schoolh., s. doorstep; chiseled sq.	1274.58
Monroefield, 0.5 mi. s. of, rd. e. at edge of woods, 50 ft. n. of fork, in middle of road, on stone; cross	1262.19
Monroefield, in e. cor. of stone step, to white schoolhouse; chiseled square.	1264.67
Monroefield, 0.25 mi. n. e. of, at rd. w., in middle of fork, in stone; sq. cut	1245.69
Monroefield, 1.5 mi. n. of, at rd. forks, 1.25 mi. w. of Catholic Church of Miltonsburg, 100 ft. s. of fork near shed, at w. side of rd., in stone; sq. cut	1310.93
Miltonsburg, 1.5 mi. n. w. of, rd. n., at n. e. cor. of forks, in flat stone; sq. cut	1301.79
Miltonsburg, 1.5 mi. n. w. of, Wiedmans triangulation sta., 0.5 mi. w. of Catholic Church, old cem. n. of rd., on stone monument 40 x 6 x 6 in., set 36 in. in ground; **bronze tablet** stamped "1394 Stbnvl"	**1393.953**
Miltonsburg, 0.5 mi. n. w. of, at Catholic Church, rd. e. and w., near fence corner, n. w. of fork, in stone; square cut	1314.41
Miltonsburg, 1 mi. n. w. of, at rd. forks, near s. w. cor. of fork, at edge of road, in stone; square cut	1203.51
Malaga, 1.5 mi. w. of, at rd. n., at e. edge of rd. near hedge fence, in stone; sq. cut	1247.58
Malaga, at n. w. corner of forks, in curb of sidewalk; chiseled square	1315.34
Malaga, 0.25 mi. n. of, lane w., 200 ft. s. of large white house, near s. w. fence cor., in stone; square cut	1278.69
Malaga, 1.25 mi. n. of, at rd. n., opposite forks on w. side, in stone; sq. cut.	1194.64
Malaga, 1.75 mi. n. of, rd. w., w. of rd. near wild cherry, in stone; sq. cut	1082.17
Somerton, 0.5 mi. s. of, at roads e. and s., iron bridge over Captina Creek, in top stone of s. w. abut.; chiseled square	1013.42
Somerton, at rd. w., n. w. of fork, in curb at hotel; square cut	1176.65
Somerton, n. end of, at rd. e., n. e. of fork, in stone; cross cut	1189.73
Somerton, 1.75 mi. e. of, at rd. n. and rd. e., e. side of rd., in stone drain; sq. cut	1032.03
Somerton, 3 mi. e. of, at rd. n., on stone in middle of fork; cross	1004.01
Milhon's Mills, 0.5 mi. w. of, at rd. forks, s. e. of fork, in stone near fence; +cut	958.51
Milhon's Mills, n. e. abut. of iron brg. over South Fork Captina Creek, in top stone; chiseled square	921.98
Alledonia, 4 mi. w. of, at rd. n., middle of fork, in stone; sq. cut	847.82
Alledonia, 3 mi. w. of, at rd. n., on niggerhead limestone; cross	839.03
Alledonia, 1.5 mi. w. of, at rd. forks, 1 ft. e. of wooden drain across rd., on stone in middle of rd.; cross (on Clarington Quad.)	829.52

Newcastle along highway n. to Bryan, thence w. to Barnesville

Hunter, 2.5 mi. s. of, n. w. abut. of iron brg. over North Fork Captina Cr., in top stone; square cut	910.54
Hunter, s. e. cor. of Christian Church, in top stone of entrance to; chiseled sq.	1264.28
Hunter, 1 mi. n. of, at rd. e., in stone s. side; square cut	1287.99
Hunter, 1.4 mi. n. of, at rd. w. and rd. e., near gate to Wharton's house, in stone; square cut	1257.35
Hunter, 2 mi. n. of, on land of W. T. Patterson, on top of high, partially cleared hill in Goshen Tp., in top of stone post 40 x 6 x 6 in., set 33 in. in ground; **bronze tablet** (triangulation) stamped "1364 Stbnvl"	**1364.085**
Hunter, 3.9 mi. n. of, at road s., s. of forks; stone	1249.77

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	Feet
Hunter, 3.9 mi. n. of, at rd. e., at edge of s. side of field, at end of fence post brace, in stone; square cut	1262.94
Barnesville, s. w. cor. of Main and Gardner Sts., in curb; square cut	1253.58

Somerton w. along rd. to Temperanceville, thence n. to Barnesville

Somerton, 0.25 mi. s. of, at forks w., on stone on e. side; square cut	1060.51
Somerton, 1 mi. n. w. of, top of hill, e. side of stone by elm tree; sq. cut	1194.31
Temperanceville, 1.5 mi. e. of, at T rd. e., near white schoolh., 50 ft. s. of rd. junction, on large flat rock; square cut	1273.79
Temperanceville, on s. e. cor. of Main St. +ing, on large flat rock; sq. cut.	952.15
Temperanceville, in e. found'n of schoolh. No. 10, third pier of stone from ground, 1 ft. from n. cor.; **aluminum tablet** stamped "955 Stbnvl"	**954.998**
Baileys Mills, 1.5 mi. s. of, rd. forks, at bottom of hill, on n. w. cor. of large flat stone; square cut	1007.94
Baileys Mills, 1 mi. s. of, at forks, on small stone; B. M. cut	950.34
Barnesville, 3.5 mi. w. of, ridge rd. at top of hill, on stone on s. e. cor.; sq. cut	1205.87
Barnesville, 3 mi. w. of, Steele △ sta., few ft. e. of Guernsey county line on high cleared hill in Warren Twp., on land of Isaac Steele, on top of stone post 36 x 6 x 6 in., set 30 in. in ground; **bronze tablet** stpd. "1374 Stbnvl"	**1373.594**
Barnesville, 2 mi. w. of, in forks; stone	1243.18
Barnesville, 2.2 mi. w. of, rd. w. by brick schoolh., at forks, on large stone; +	1260.23
Barnesville, City Building, on w. side of Arch St., on s. end of second step of entrance; **aluminum tablet** stamped "1270 Steubenville"	**1269.828**

Milhon's Mills s. to Newcastle triangulation station

Newcastle, (Pilcher P. O.), 0.3 mi. s. of, Newcastle △ sta., in top of stone post 30x6x6 in. set 30 in. in ground; **bronze triangulation tablet** marked "1367 Stbnvl"	**1366.613**

Wooster Quadrangle

Sterling w. and s. along highway via Canaan to Wooster

Sterling, 0.75 mi. e. of Erie sta., s. w. corner of e. abut. of Erie Ry. brg. over creek, in brg. seat; **bronze tablet** stamped "964 Canton" (elev. doubtful)	**965.159**
Canaan, 400 ft. w. of +rds., on rd. from Canaan to Congress, in s. e. cor. of w. abut. of highway brg.; **bronze tablet** stamped "1054 Canton"	**1053.526**
Madisonburg, 0.5 mi. w. of, at +rds. intersec., set in e. wall of culv.; **bronze tablet** stamped "1109 Canton"	**1108.345**
Wooster University, on s. side of observatory, in watertable; **aluminum tablet** stamped "1084 Canton"	**1063.611**

Between Burton City and Wooster; spur lines from P. Ft. W. and C. Ry. bench marks

Weilersville, 1 mi. e. of, P. Ft. W. and C. Ry., n. e. cor. of box culv.; Ry. **B. M.**	**1071.326**
Smithville, 1 mi. s. e. of, 0.8 mi. n. of P. Ft. W. & C. Ry., highway brg., on s. e. cor. of n. abut.; **bronze tablet** stpd. "1038 Canton" (brg. washed out)	**1037.855**
Orrville, 1.75 mi. w. of, on the P. Ft. W. & C. Ry., e. abut. of culv.; n. w. cor.	**1038.287**
East Union, 700 ft. e. of C. A. & C. Ry. +ing, highway bridge over creek on State rd., on s. w. cor. of e. abut.; **bronze tablet** stamped "1074 Canton"	**1075.129**

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	Feet
Orrville, P. Ft. W. & C. Ry. sta., gentlemen's waiting room, e. end of n. door sill; Ry. **B. M**	**1059.594**
Orrville, town hall, at front entrance, in watertable; **aluminum tablet** stamped "1066 Canton"	**1064.963**
Kidron n. w. along highway to point 1.9 mi. n. of Apple Creek	
Kidron, 2.2 mi. n. w. of, 25 ft. s. of ry., on w. side of public rd. at +ing, on right-of-way; **iron post** stamped "1128"	**1127.471**
Apple Creek, 1.9 mi. n. of, on C. A. & C. Ry., 350 ft. n. of switch to Kidron, s. e. cor., e. end of small concrete culv. under ry. at ry.+ing; chiseled cross	1089.80
Apple Creek n. along C. A. & C. Ry. (Penna. Lines) to Orrville	
East Union, 1.2 mi. s. of, 895 ft. s. of milepost marked "C 102 H 92"; **chiseled square** on s. e. cor., e. side of small stone culv. under ry	**1116.032**
Point near Rittman n. w. to point near Creston (precise line)	
Rittman, 0.5 mi. e. of, at milepost 53; **section of rail** set vertically in ground (B. & O. B. M. 457)	**957.103**
Rittman, 0.5 mi. s. w. of, at milepost 52; **section of rail** set vertically in ground (B. & O. B. M. 458)	**961.853**
Rittman, 1.5 mi. w. of, 500 ft. w. of milepost 51, in n. w. abut., in n. e. side of bridge 94; **copper bolt** (B. & O. B. M. 459)	**969.213**
Rittman, 2.5 mi. w. of, at milepost 50; **section of rail** set vertically in ground (B. & O. B. M. 460)	**969.904**
Sterling, 0.25 mi. e. of, n. side of tracks opposite milepost 49; vertical **rail section** (B. & O. B. M. 461)	**970.465**
Sterling, 0.8 mi. n. w. of, at milepost 48, **section of rail** set vertically in ground (B. & O. B. M. 462)	**975.020**
Sterling, 0.8 mi. s. e. of, at milepost 47; **section of rail** set vertically in ground (B. & O. B. M. 463)	**982.544**
Creston, 0.25 mi. n. w. of, at milepost 46; **section of rail** set vertically in ground (B. & O. B. M. 464)	**987.325**
Creston, 1.25 mi. n. w. of, at milepost 45; **section of rail** set vertically in ground (B. & O. B. M. 465)	**974.241**

Xenia Quadrangle

Cedarville s. w. along highway to Xenia thence w. to Alpha

Cedarville, in front of U. P. Church, 2 ft. e. of lamp post, in top of stone curb; chiseled cross	1050.91
Cedarville, s. w. cor. of U. P. Church, in s. face of stone found'n wall, 2 feet above ground; **aluminum tablet** stamped "1055 Ohio"	1054.587
Cedarville, 1 mi. s. w. of, e. end of stone culv., on Columbus pike; chiseled sq. painted "1017 T. B. M."	1016.95
Cedarville, 1.5 mi. s. w. of, 400 ft. s. of T rd. w. of Bakersville, e. cor. of stone abut. of steel brg.; chiseled square	944.12
Cedarville, 2.9 mi. s.w. of, 1000 ft. s. of T rd. e., w. end of stone culv.; chiseled. sq.	980.99
Cedarville, 3.5 mi. s. w. of, 1 mi. n. e. of Wilberforce College, s. w. cor. of stone abut. of steel brg. No. 135; chiseled square	949.22

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	Feet
Xenia, 3 mi. n. e. of, w. cor. of T rd. n. through Wilberforce College grounds; **iron post** stamped "1011 Ohio"	**1010.501**
Xenia, 2 mi. n. e. of, 1 mi. s. w. of Wilberforce College, 700 ft. w. of T rd. s., s. e. cor. of concrete capstone of steel brg. over Oldtown Run; chiseled sq.	978.88
Xenia, 1 mi. n. e. of, 200 ft. s. of one-mile stone, s. w. of brg.; chiseled. sq.	950.27
Xenia, in courthouse yard, 6 in. w. of w. side of s. steps; **iron post** stpd. "938"	**938.279**
Xenia, 1 mi. w. of, 500 ft. w. of city limits on joint of s. rail of D. L. & X. S. Ry.; joint of rail painted "922.9"	923.3
Xenia, 2 mi. w. of, in front of Orphans Home, s. rail joint of D. L. & X. S. Ry.; painted "898.2 T. B. M."	898.5
Xenia, 2.12 mi. w. of, 2.0 mi. e. of Trebeins, n. w. end of (stone) concrete culv.; chiseled sq. painted "885.6"	885.94
Trebeins, 0.9 mi. e. of, n. end, stone culv.; chiseled sq. painted "804 T. B. M."	804.40
Trebeins, 0.25 mi. n. of, n. e. cor. of +roads; **iron post** stamped "804"	**804.596**

Point w. of Jamestown w. along rd. and C. H. & D. Ry. to Xenia

Jamestown, 1.5 mi. n. w. of, on Jamestown rd., on n. e. cor. of stone drain, 200 ft. w. of T rd. s., at schoolh. (District No. 1, Silver Creek Tp.); chiseled sq.	1055.69
Jamestown, 2.4 mi. w. of, on C. H. & D. Ry., n. e. cor. of rd. +ing, on e. end tile drain; painted square	1051.15
Jamestown, 3.41 mi. w. of, on C. H. & D. Ry., center track, 200 ft. e. of telegraph pole 29 15; copper B. M. nail in painted square "1037.8 T. B. M."	1037.80
Jamestown, 4.41 mi. w. of, n. w. corner of rd. +ing, at New Jasper sta.; **iron post** stamped "1024"	**1024.364**
Jamestown, 5.9 mi. w. of, e. of Xenia, on C. H. & D. Ry., n. e. cor. of rd. +ing, on drain tile; painted square, marked "1025.4 T. B. M."	1025.56
Xenia, 3.5 mi. e. of, n.w. cor. of rd. +ing, Monroe Siding; **iron post** stpd. "1041"	**1041.440**
Xenia, 3 mi. e. of, 0.57 mi. s. w. of Monroe Siding, s. e. pier of wagon bridge, 50 ft. w. of C. H. & D. Ry. +ing; chiseled sq. painted "1030.8 T. B. M."	1031.04
Xenia, 2 mi. s. e. of, w. side of C. H. & D. Ry. +ing, in s. end of ry. tie; in painted sq.; copper B. M. nail painted "1001.3 T. B. M."	1001.5
Xenia, 1 mi. s. e. of, 480 ft. w. of milepost (Dayton 20 mi.) on C. H. & D. Ry., in n. end of tie; copper B. M. nail painted "968.7"	969.0
Xenia, s. e. part of town, at +ing of C. H. & D. Ry. and Monroe Street, on drain tile, n. e. cor.; painted square "939.5"	939.80
Xenia, 130 ft. w. of C. H. & D. Ry. sta., 50 ft. n. of ry. and Detroit St. +ing, w. side of st., on top of large curbstone, chiseled square painted "924.7"	925.03

Point s. w. of Jamestown w. along highway to 4 mi. n. of New Burlington, thence s. 1.5 mi., thence w. to Spring Valley

Jamestown, 2.5 mi. s. w. of, n. w. cor. of +roads, in base of telephone pole; spike painted "1040.41"	1040.41
Jamestown, 3.59 mi. s. w. of, 4 mi. n. e. of Paintersville, s. e. cor. of T rd. s.; **iron post** stamped "1034"	**1034.061**
Jamestown, 4.6 mi. s. w. of, 3 mi. n. of Paintersville, s. w. cor. of T road s., in telephone pole; copper B. M. nail painted "1019 T. B. M."	1019.12
Jamestown, 5.6 mi. s. w. of, s. w. cor. T lane s., opposite brick schoolhouse, in telephone pole; copper B. M. nail painted "1022.7 T. B. M."	1022.69
Jamestown, 6.1 mi. s. w. of, 2 mi. e. of Silver Springs, e. cor. of road forks; **iron post** stamped "1022"	**1022.459**

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	Feet
Jamestown, 7.1 mi. s. w. of, w. side of lane to Apple Grove farm, in root of catalpa tree 12 in. in diameter; copper B. M. nail painted "1020 T. B. M."	1020.23
Silver Springs, about 1 mi. s. of, 2500 ft. n. w. of +roads, in fence post, w. side of rd.; copper B. M. nail painted "1006.4 T. B. M."	1006.48
Silver Springs, 0.5 mi. s. w. of road forks at, in s. w. cor. of concrete culv.; chiseled square, painted "928.6 T. B. M."	928.63
Silver Springs, 1.4 mi. s. w. of, 200 ft. s. of T rd. n. e., in n. w. cor. concrete abut. of steel brg.; chiseled square painted "934.5 T. B. M."	934.54
Maple Corner, 3.0 mi. s. w. of Silver Springs, s. e. cor. of +rds., 400 ft. e. of Reformed Ch., n. of schoolh.; **primary traverse iron post** No. 54, stpd. "967"	**967.006**
Xenia, 4 mi. s. e. by 2.8 mi. e. of, s. e. concrete wing of covered brg. over Caesar Creek; chiseled square painted "910.7 T. B. M."	910.71
Xenia, 4 mi. s. by 1.8 mi. e. of, 500 ft. n. of T rd. w., n. w. cor. of concrete floor of iron brg. over small stream; chiseled sq., painted "915.6 T. B. M."	915.62
Xenia, 4 mi. s. by 0.5 mi. e. of, in s. e. pier of wooden brg.; chiseled square, painted "893.4 T. B. M."	893.47
Xenia, 4 mi. s. of, 4 mi. n. of New Burlington, T rd. e., granite boulder w. side of pike opp. R. D. Beam's house; painted circle "900 T. B. M."	899.99
New Burlington, 3.5 mi. n. of, n. w. corner of concrete floor of steel bridge; chiseled square painted "882 T. B. M."	882.17
New Burlington, 2 mi. n. of, n. w. cor. of +roads; **iron post** stamped "924"	**923.887**
Spring Valley, 3 mi. e. of, on rock at rd. turn; circle painted "902 T. B. M."	902.38
Spring Valley, 1.28 mi. e. of, at T road s., n. side of road, in butt of teleph. pole; copper B. M. nail painted "907 T. B. M."	907.04

2 mi. n. of New Burlington e. via rd. to 2 mi. w. of Bowersville

New Burlington, 2 mi. n. by one mi. e. of, at T road n., s. side of rd., in root of large locust tree; copper B. M. nail, painted "972 T. B. M."	971.96
Paintersville, 5.6 mi. w. of, 225 ft. e. of T rd. s., at s. e. end of concrete culv., in guard wall; chiseled square, painted "936.4 T. B. M."	936.41
Paintersville, 4.6 mi. w. of, s. w. cor. of iron bridge, 70 ft. e. of Zoor's M. E. Church, in capstone; chiseled square, painted "926.8 T. B. M."	926.84
Paintersville, 3.9 mi. w. of, 4 mi. n. of Clare, s. e. cor. T rd. s.; **iron post** stpd. "988"	**987.535**
Paintersville, 3 mi. w. of, s. end of stone culv. at +roads at Eleazar school and church; chiseled square painted "1002 T. B. M."	1002.32
Paintersville, 1.28 mi. w. of, at T road e., in center of pike, in butt of large oak tree; copper B. M. nail painted "1000.3 T. B. M."	1000.26
Paintersville, 1 mi. w. of, 100 ft. w. of T rd. s., in concrete step of Friends' Church; chiseled square painted "1000.6"	1000.55
Paintersville, s. part of town, bend in rd. w., s. of rd.; **iron post** stpd. "1014"	**1013.715**
Paintersville, 1.04 mi. s. e. of, s. w. cor. of concrete floor of steel bridge; chiseled square, painted "1025.8 T. B. M."	1025.68
Paintersville, 1.93 mi. e. of, 4.1 mi. e. of Bowersville, at T rd. e., on s. end of stone culvert; chiseled square, painted "1029.4 T. B. M."	1029.24
Bowersville, 2.9 mi. w. of, n. w. cor. of stone pier of wooden brg. at T rd. s. of Xenia pike; chiseled square, painted "1028.6"	1028.48
Bowersville, 2.01 mi. w. of, s. w. cor. of +rds. at Gunnerville; **iron post** stpd. "1044"	**1043.824**

2.6 mi. n. e. of Deserted Camp n. w. to Port William thence n. e. 2 mi.

Deserted Camp, 2.6 mi. n. e. of, at +rds. of Bloomington and Melvin pikes, s. end of stone culvert; chiseled square painted "1047 T. B. M."	1046.98

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Port William, 2.5 mi. s. e. of, s. end w. pier small brg.; painted "1029.7 T.B.M."	1029.87
Port William, 1.5 mi. s. of, s. side of pike, 2 ft s. of property line, in root of walnut tree 24 in. in diam.; copper B. M. nail, painted "1033.8 T. B. M.".	1033.95
Port William, s. w. part, s. e. side of ry. +ing, near grain elevator, 300 ft. e. of ry. brg. over Anderson Fork of Caesar Creek; **Iron post** stpd. "1028 Ohio".	**1028.460**
Port William, 1 mi. n. e. of, 150 ft. s. of T rd. e., in teleph. post e. side of rd.; copper B. M. nail painted "1034.3 T. B. M."	1034.49
Port William, 2 mi. n. e. of, 2 mi. s. w. of Bowersville, s. side of rd., 800 ft. w. of rd. turn, in tel. post; copper B. M. nail, painted "1041.8 T. B. M."	1042.02

Port William w. along D. T. & I. Ry. to McKay thence w. and s. along highway to Kingman

Port William, 1 mi. w. of, on capstone of stone culv., s. side D. T. & I. Ry. track, e. side of wagon rd. at +ing; chiseled sq., painted "1031.6 T. B. M."	1031.80
Port William, 2.01 mi. w. of, 1.01 mi. w. of ry. +ing, in ry. tie in cen. of track; copper B. M. nail painted "1029.1 T. B. M."	1029.4
Port William, 2.68 mi. w. of, 200 ft. s. of ry. viaduct, e. side of wagon road; **Iron post** stamped "1025 Ohio"	**1025.560**
Port William, 3.68 mi. w. of, at ry. +ing at Mt. Pleasant, s. side of track and w. side of rd., in large granite boulder; chiseled sq., painted "1020.6 T. B. M."	1020.90
McKay, 1.41 mi. e. of, in cen. of D. T. & I. Ry. track, in tie; copper B. M. nail, painted "1016 T. B. M."	1016.2
McKay, w. side of ry. +ing, 20 ft. s. of store, in s. end of ry. tie of switch track; copper B. M. nail painted "1011 T. B. M."	1011.3
McKay, 0.75 mi. s. w. of, s. w. cor. of D. T. & I. Ry. +ing; **Iron post** stpd. "1010"	**1010.459**
McKay, 1.66 mi. w. of, 3.5 mi. n. e. of Kingman, n. w. cor. of +rds., in concrete floor of schoolh. porch; chiseled sq. painted "1004.7 T. B. M."	1005.03
McKay, 2.5 mi. w. of, at T rd. e., in n. w. stone pier of brg. over branch of Buck Run; chiseled sq., painted "967.5 T. B. M."	967.84
McKay, 3.3 mi. w. of, n. e. cor. of stone pier of steel bridge over Buck Run; chiseled sq. painted "935 T. B. M."	935.31
New Burlington, 1.5 mi. s. by 0.8 mi. e. of, 0.75 mi. e. of Buck Run schoolh., s. end of stone culv. at T rd. n.; chiseled square, painted "901.4 T. B. M.	901.81
New Burlington, 1.5 mi. s. of, s. e. cor. of +rds. at Buck Run schoolh.; **Iron post** stamped "900"	**900.827**
North Kingman, 2 mi. n. of, e. side of culv.; chiseled sq. painted "991.5 T. B. M."	991.93
North Kingman, 0.65 mi. n. of, s. e. cor. of concrete pier of steel brg., chiseled square, painted "931.8"	932.17
North Kingman, s. e. cor. of +rds., in town, in foot stone of old pump; chiseled square, painted "1008.5 T. B. M."	1008.85

1.5 mi. s. of New Burlington, n. along rd. to 2 mi. n. of

New Burlington, n. e. cor. of stone abut. of steel brg. over Anderson Fork of Caesar Creek; chiseled square, painted "856.7"	857.08
New Burlington, 1 mi. n. of, e. side of Burlington pike, at angle with rd. n. e., on flint boulder; painted square, painted "952.5"	952.97

4.5 mi. s. of Xenia n. along highway to Xenia

Xenia, 3.5 mi. s. of, 300 ft. n. of +rds., s. e. wing wall, steel brg.; chiseled sq.	946.54
Xenia, 2 mi. s. of, 900 ft. s. of G. W. Hull's blacksmith shop, e. end of stone culvert; chiseled square	980.12
Xenia, 1 mi. s. of, n. e. concrete wing wall of brg.; chiseled sq. marked "949.1"	949.22

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4 mi. n. e. of Alpha n. e. to Goes

Alpha, 4 mi. n. e. of, s. e. cor. of +rds., stone, w. end of tile drain; chiseled sq.	922.06

2 mi. w. of Bowersville n. along rd. to 3 mi. n. w. of Jamestown

Bowersville, 2.1 mi. w. of, s. w. cor. of +rds.; **iron post** stamped "1044"...	**1043.824**
Bowersville, 2.1 mi. w. by 0.7 mi. n. e. of, n. e. cor. of road forks, in base of fence post; spike	1045.84
Bowersville, 2.1 mi. w. by 1.5 mi. n. of, 700 ft. n. of Ervin schoolhouse, on n. w. cor. of concrete floor of small iron bridge; chiseled square	1048.98
Bowersville, 2.1 mi. w. by 2.5 mi. n. of, in bend of road at A. F. Campbell's residence, in base of telephone pole; spike	1056.52
Jamestown, 2 mi. s. w. of, n. w. cor., T rd. s., fence post base; copper B.M. nail	1049.36
Jamestown, 2.5 mi. n. w. of, 670 ft. e. of +roads, e. abut. n. end of steel brg. over South Branch of Caesar Creek; chiseled square	1020.73
Jamestown, 0.5 mi. s. w. by 1.1 mi. w. of, in cen. of +rds., on stone; chiseled sq.	1056.33
Jamestown, 1.3 mi. w. of, rd. +ing C. H. & D. Ry.; top of n. rail	1052.0
Jamestown, 2.2 mi. n. w. of, on Xenia pike, n. w. cor. of +roads, in base of fence post; spike	1050.25
Jamestown, 3 mi. n. w. of, on Xenia pike, 0.5 mi. n. of pike, in s. e. cor. of +roads at schoolhouse, on stone; painted square	1047.16
Jamestown, 3 mi. n. w. of, on Xenia pike, 0.5 mi. n. of pike, n. e. corner of Duncan schoolhouse yard at +roads; **iron post** stamped "1048"	**1048.408**

Point 5 mi. s. e. of Cedarville along highways to Cedarville (An error of 0.4 ft. has been adjusted in this line in 4.7 mi.)

Cedarville, 5 mi. s. e. of, on Jamestown pike thence 0.5 mi. s. w., in n. e. cor. of T rd. s. e., in base of fence post; spike	1060.29
Cedarville, 5 mi. s. e. of, n. w. cor. of T rd. s. w., n. end of tile; highest point	1062.03
Cedarville, 5 mi. s. e. of, cor. of T rd. s. w., on n. end of tile drain pipe; highest pt.	1059.83
Cedarville, 3 mi. s. e. of, in n. w. cor. of T rd. s. w.; **iron post** stpd. "1062 Ohio"	**1061.983**
Cedarville, 1.9 mi. s. e. of, s. e. cor. of +rds., culv. under Federal rd; chiseled sq.	1066.12
Cedarville, 0.4 mi. s. e. of sta., rd. forks, n. end of stone culv.; chiseled sq.	1063.59
Cedarville, 200 ft. w. of sta., at rd. +ing Penna. Ry.; top of n. rail	1034.5

Bench Marks near Oldtown

Oldtown, 2.4 mi. n. w. of, 500 ft. e. of Ross Harner's res., on n. and w. side of concrete retaining wall to twin steel culv. under rd.; chiseled square	939.22
Oldtown, 1.5 mi. n. w. of, 200 ft. e. of W. H. Ginaven's res., on e. side of rd. opposite T rd. w.; on large sandstone rock; chiseled square	916.72
Oldtown, 1 mi. n. of, rd. forks, 75 ft. w. of Electric Ry.; **iron post** stpd. "834 Ohio"	**834.479**

Near Cedarville

Selma, 5.5 mi. s. w. of, on Panhandle Ry., 0.5 mi. n. e. of Cedarville, on top of 3 x 12 ft. limestone at rd. +ing; chiseled cross	1052.88

Youngstown Quadrangle

Near Chadwick south to Niles

Niles, 4 mi. n. of, 140 ft. w. of crossroads; **primary traverse iron post** stamped "936 ADJ 1903" Station No. 33	*Feet* **936.471**

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Warren along highway e. to Sharon, Pennsylvania

Vienna, 1.5 mi. w. of, in n. face of stone post at top of hill on n. side of rd.; **aluminum tablet** stamped "1140 ADJ 1903"	**1140.641**
Vienna, 1.5 mi. e. of, 3.5 mi. w. of Brookfield, s. e. cor. of house, e. face, at n. w. cor. of +roads; **aluminum tablet** stamped "1180 ADJ 1903"	**1180.529**
Vienna, 1.5 mi. e. of, 3.5 mi. w. of Brookfield, primary traverse sta. No. 41, inside of fence at s. w. cor. of +roads; **iron post** stamped "1173 ADJ 1903"	**1172.773**
Brookfield, 0.02 mi. s. of +roads, in e. face of s. e. cor. of Christian Church; **aluminum tablet** stamped "1170 ADJ 1903"	**1170.660**

Brookfield along road s. to Hubbard, thence w. to Girard

Hubbard, n. part of, 1200 ft. s. of L. S. & M. S. Ry., 110 ft. s. of +rds., in w. wing, n. abut., small iron brg. (road); **aluminum tablet** stpd."928 ADJ 1903"	**928.360**
Churchill, 2 mi. e. of Girard, in n. face of found'n of M. E. Church; **aluminum tablet** stamped "1080 ADJ 1903"	**1079.627**
Girard, in e. end of e. wing wall, abut. of rd. brg., over Mahoning River at B. & O. station; **aluminum tablet** stamped "861 ADJ 1903"	**861.126**

Haselton (Youngstown) along rd. e. to Coitsville, thence s. to Struthers

Coitsville, +roads, in s. wing wall, e. abut., small iron brg.; **aluminum tablet** stamped "1068 ADJ 1903"	**1066.943**

At Lowellville. Set from B. & O. Ry. Bench Mark 371

Lowellville, in n. retaining wall of dam across Mahoning River; **aluminum tablet** stamped "813 ADJ 1903"	**812.830**

Youngstown along road s. w. to Cornersburg, thence s. and e. to Poland, thence n. e. to Struthers

Youngstown, opposite Ohio Steel Works, in w. wing wall, n. abut. of highway brg. across Mahoning River; **aluminum tablet** stamped "852 ADJ 1903"	**853.031**
Cornersburg, 1050 ft. s. of, in w. wing wall, n. abut., iron bridge over creek; **aluminum tablet** stamped "1037 ADJ 1903"	**1037.445**
Boardman, 1.6 mi. w. of, s. end of brg. seat, w. abut., small iron road bridge over Mill Creek; **aluminum tablet** stamped "997 ADJ 1903"	**997.683**
Poland, in n. end, w. retaining wall at highway bridge over Yellow Creek; **aluminum tablet** stamped "1016 ADJ 1903"	**1015.959**

B. & O. Ry. Bench Marks between State line and Struthers (precise line)

Lowellville, about 2 mi. e. of, about 3½ mi. w. of Edenburg, Lawrence Co., Pa., near through line station 3040; **B. & O. 370**	**808.460**
Lowellville, about 1 mi. e. of, about 4½ mi. w. of Edenburg, Pa., near through line station 3080; **B. & O. 371**	**809.349**
Lowellville, 500 ft. e. of sta., at telegraph pole 67-30; **B. & O. 372**	**820.756**
Lowellville, 1 mi. n. w. of, 600 ft. s. e. of P. & L. E. Ry. water tanks, 100 ft. s. e. of B. & O. culvert; **B. & O. 373**	**833.906**
Struthers, 1 mi. s. e. of, at telegraph pole 69-35; **B. & O. 374**	**839.481**
Struthers, ½ mi. s. e. of, e. abut. brg. 20, s. end; **copper bolt, B. & O. 375**	**829.365**

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Point near Niles s. e. to Struthers (precise line)

	Feet
Niles, about 1.5 mi. s. e. of, 2.8 mi. e. of Boenna Crossing, at s. e. cor. of rd. +ing, 49 ft. from B. & O. Ry. tracks, in cor. of fence, on land owned by John Dove; **red metal cap** on iron post (C. & G. S. B. M. G7)	**879.374**
Girard, 0.5 mi. w. of, on B. & O. Ry. right-of-way, culv. at tel. pole 81/28½, cen. of s. coping; **chiseled sq.** marked "U. S. B. M. (C. & G. S. B. M. H7)	**879.760**
Youngstown, about 3.5 mi. n. w. of B. & O. Ry. sta., at tel. pole 79/28½, w. end of large cut, on side of hill, 82 ft. s. of B. & O. tracks, set in clay at offset in right-of-way fence; **red metal cap** on iron post (C. & G. S. B. M. I7)	**883.860**
Youngstown, 1 mi. w. of B. & O. sta., on right-of-way, n. end of top step of e. abut. brg. 410; **chiseled square** marked "U. S. B. M." (C. & G. S. B. M. J7)	**865.312**
Youngstown, 1 mi. w. of, tel. pole 76/23, old line e. of river, **section of rail** set vertically in ground under semaphore brg.; top (B. & O. B. M. 381)	**842.094**
Youngstown, 200 ft. e. of old B. & O. sta., old line e. of river, 2nd course of masonry, w. end of retaining wall; **copper bolt** (B. & O. B. M. 380)	**843.707**
Youngstown, near L. S. & M. S. Ry. sta., n. w. cor. of found'n of w. beam supporting overhead highway brg., between B. & O. Ry. and P. & L. E. Ry. tracks; **seat cut** (C. & G. S. B. M. Ry.)	**847.118**
Haselton, on B. & O. Ry. right-of-way, at Andrews Bros. +ing, top course of n. wing wall of e. abut. to brg. 24; **aluminum tablet** stamped "837 ADJ"	**836.450**
Struthers, 1 mi. w. of, on B. & O. Ry. right-of-way and s. of tracks, on w. abut. of brg. 22, in concrete flume; **copper bolt** (B. & O. B. M. 377)	**847.135**
Struthers, n. end of highway brg. over P. & L. E. Ry. tracks, in s. w. cor. of the brg. seat; **copper bolt** (B. & O. B. M. 376)	**844.766**

Zaleski Quadrangle

Marshfield s. w. along B. & O. S. W. Ry. to Zaleski

Mineral, 150 ft. s. w. of sta., e. side of st., on stone over gutter; square cut	710.27
Athens-Vinton county line, n. side of track; **top** of iron monument	**709.405**
Moonville, 50 ft. from station, s. side of road, in ledge of rocks; **bronze tablet** stamped "718 ADJ 1903"	**717.937**
Zaleski, n. w. cor. of found. of Fisher's store; **aluminum tablet** stpd. "741 ADJ 1903"	**741.313**

Nelsonville along H. V. Ry. to 2 mi. n. of Haydenville, thence via lane to H. V. River Division, thence s. to McArthur

Haydenville, 3 mi. s. e. of, ry. bridge over Hocking River, in top stone of w. abut., n. side of brg.; **bronze tablet** stamped "690 ADJ 1903"	**689.468**
Haydenville, in top stone to w. entrance to Methodist Church; **bronze tablet** stamped "710 ADJ 1903"	**709.755**
Logan, 6.37 mi. s. e. of, stone culv. n. side of track; chiseled sq. marked "703.6"	702.94
Kachelmacher, 4.58 mi. s. w. of, stone, s. side of rd. near sycamore roots; chisel marks	701.46
Union Furnace, 3.0 mi. n. of, 600 ft. w. of ry. +ing, in cor. stone, n. e. cor. of brick school; **aluminum tablet** stamped "724 ADJ 1903"	**723.689**
Union Furnace, in s. e. cor. of found'n of U. B. Church; **bronze tablet** stamped "759 ADJ 1903"	**759.134**
Starr, 300 ft. w. of, in e. abut. of brg., n. end, second stone below rails; **aluminum tablet** stamped "776 ADJ 1903"	**776.228**

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	Feet
New Plymouth, in s. foundation wall of vestibule entrance to Presbyterian Church; **aluminum tablet** stamped "837 ADJ 1903"	**837.200**
Creola, 2 mi. n. of, ry. bridge No. 42, in s. abut., top stone, e. side; **aluminum tablet** stamped "752 ADJ 1903"	**752.020**
Creola, Kirkendall's store and P. O., in top stone of s. found'n wall, 7 ft. from e. wall and front of store; **bronze tablet** stamped "760 ADJ 1903"	**760.159**
Orland n. along highway to Islesboro	
Islesboro, in e. foundation wall Methodist Church, top stone; **aluminum tablet** stamped "1064 ADJ 1903"	**1064.234**
Near Creola	
Creola, about 1.25 mi. w. of, on n. side of rd.; spike in base of teleph. pole	744.31
Creola, about 0.4 mi. w. of, n. side of road, about 300 ft. w. of watering trough; paint mark on top of stone, painted "736.865"	836.50
Athens w. along B. & O. S. W R. R. to Zaleski (precise line)	
Moonville, on e. abut. of ry. brg. over Raccoon Creek; **chiseled square** marked "B. M." (C. & G. S. B. M. LI)	**712.160**
Zaleski, 1 mi. s. of, on s. abut. of ry. brg. over Raccoon Creek; **chiseled square** marked "B. M." (C. & G. B. M. LII)	**714.304**

Zanesville Quadrangle

Zanesville n. w. along B. & O. Ry. to Dillon	
Dillon, in front of sta.; top of rail at road crossing	722.2
Dillon, 443 ft. n. e. of sta., in s. e. cor. stone found'n of iron brg. over Licking River; **aluminum tablet** stamped "713"	**712.488**
Mt. Perry n. along highway to Cottagehill	
Coaldale, 2.5 mi. s. of, s. side, 5th row of brick, 12 ft. from e. end of M. E. Church; **aluminum tablet** stamped "939"	**938.324**
Coaldale, 1.2 mi. n. of, in n. abut. e. side of brg; **aluminum tablet** stamped "969"	**969.091**
Mt. Perry s. along highway to Rehoboth	
Sego, in n. abut., w. side of bridge at + rds.; **aluminum tablet** stamped "832"	**831.809**
Sego, 0.86 mi. s. of, on n. wing e. side of abut., iron brg.; chisel cut, marked "843"	843.12
Sego, 2.8 mi. s. of, on stone in s. e. cor. of barn yard of Wm. Hull; chisel cut, marked "1062"	1062.11
Mt. Perry, 6.09 mi. s. of, in s. side of w. end of Wesleyan Chapel Church, **aluminum tablet** stamped "1031"	**1030.725**
Wesleyan Chapel Church, 1.8 mi. s. of, s. of rd., on stone, chiseled sq. mkd. "1068"	1067.57
Rehoboth, 2.24 mi. n. w. of, in found'n e. side of schoolh.; **aluminum tablet** stamped "1017"	**1016.488**
Rehoboth, 2.09 mi. n. w. of, on stone at top of hill, chisel mark, marked "1108"	1108.24
At Zanesville	
Zanesville, in front of C. & M. V. Ry. sta.; top of rail	702.9
Zanesville, 0.6 mi. n. of, 6 ft. n. of milepost T-16, 7 ft. w. of ry.; top of rail set vertically in ground	701.17

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South Zanesville south to Crooksville

South Zanesville, in front of station; top of high rail	728.8
South Zanesville, 2.3 mi. s. w. of, e. of C. & M. V. Ry., point on sandstone rock, marked "711"	711.02
South Zanesville, 3.3 mi. s. w. of, 495 ft. s. of private rd. +ing, in s. e. cor. of w. stone abut. of iron ry. brg. over Moxahala Creek; **aluminum tablet** stpd. "726—1908"	**725.840**
South Zanesville, 6.46 mi. s. w. of, at Ironspot, 125 ft. s. of C. & M. V. Ry., 300 ft. n. of Ransbottom Bros.' pottery factory, in w. end of concrete abut. of brg. for ry. siding leading to factory; **aluminum tablet** stpd. "732—1908"	**731.913**
Roseville, in front of station; top of rail, marked "743"	742.6
Roseville, 2.1 mi. s. w. of, 390 ft. s. of milepost T-29, 30 ft. w. of ry., in n. end of sandstone culv. over running stream; **aluminum tablet** stpd. "743—1908"	**742.873**
Crooksville, 60 ft. s. of C. & M. V. sta., 3 ft. w. of tracks, 4 ft. e. of foot brg., on w. end of n. abut. of iron ry. brg. over creek; chiseled sq., mkd. "752"	752.28
Cincinnati & Muskingum Valley and Zanesville & Western rys. +ing at milepost T-30, marked "755"	754.6

Point e. of Chalfants P. O. e. along Z. & W. Ry. to Zanesville (precise line)

Mt. Perry, 254 ft. w. of station, n. e. cor. of covered highway bridge on abutment; **aluminum tablet** stamped "801"	**801.499**
Mt. Perry, in front of station; top of rail	806.1
Mt. Perry, 2.31 mi. e. of, 30 ft. s. of track, n. w. cor. of foundation of road bridge; **aluminum tablet** stamped "797"	**797.587**
Fultonham Sta., 0.09 mi. w. of, n. w. cor. of stone foundation of water tank; **aluminum tablet** stamped "763"	**762.935**
Fultonham, in front of station; top of rail	762.3
White Cottage, in front of station; top of rail	734.0
White Cottage, 0.76 mi. e. of, s. e. cor. of brg., on abut.; **aluminum tablet** stpd. "717"	**716.939**
Elizabeth, in front of station; top of rail	723.7
Elizabeth, 2.12 mi. n. e. of, 1.72 mi. s. w. of South Zanesville, Z. & W. and C. & M. V. Ry. crossing; top of rail	715.2
South Zanesville, 0.36 mi. s. w. of, stone on e. side of ry.; **aluminum tablet** stamped "709"	**709.576**
South Zanesville, in front of station; top of rail	728.6
Zanesville, in front of station; top of rail	704.0
Zanesville, s. side of courth., in top step; **aluminum tablet** stamped "725"	**725.721**
Zanesville, s. side of courthouse, 12 ft. e. of doorstep, at s. w. corner of pillar in top step of portico; **aluminum tablet** stamped "725"	**725.697**
Zanesville; on upper river wall of lock 10 U. S. Engineer B. M. 1 **Cut** U S □ B M 699.73	**699.117**
Zanesville, on upper river wall of lock No. 10, U. S. Engineer B. M. 2 **Cut** U S □ B M 699.92	**699.300**

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APPENDIX A

Elevations Above Sea-level

Furnished by

Cities and Railroads

Note: The elevations in this appendix, except as noted, are in accord with the United States final adjustment of 1912, and have been furnished by the officials of the cities and railroads named.

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Cincinnati

F. S. Krug, Chief Engineer

By ordinance of August 5, 1913, the City Council of Cincinnati adopted mean sea-level as the datum to which the 217 bench marks following are referred. They are bronze discs or caps set on posts or in masonry much like those described in the preface of this book, except that each disc bears a serial number and the words "City of Cincinnati, Topographic Survey of 1912," and except that the posts are set nearly flush.

The bench marks are in pairs about a block apart, the distance between pairs being about a mile. Thus all future leveling can be easily checked by running to the second bench mark of a pair, avoiding necessity of depending upon only one elevation for check. The work is all based on the Government bench marks given in Part III for the Cincinnati quadrangles, and was done with a precise level with the accuracy for precise leveling prescribed by the National bureaus which do such work.

Topographic Survey of 1912

Bench marks are numbered serially as follows:

1. Main and 12th Sts., s. w. cor. of, 1.4 ft. s. of s. curb of 12th St., 14.9 ft. w. of w. curb of Main St., on pipe in sidewalk, cap 545.257
2. Hunt St., found. of Alms & Doepke store, 2 ft. above sidewalk, 11 ft. e. of n. w. cor. of blg., top of coping stone, disc 548.572
3. Reading Rd. and Florence Ave., s. e. cor., 18.8 ft. s. of s. curb, 19.5 ft. e. of e. curb, on pipe in parking, cap 628.138
4. Reading Rd., w. side, about 1 block n. of Florence Ave., in parking, 2.1 ft. inside of curb, oppos. n. end of Marcus Blg. Co. shop, on pipe, cap 647.294
5. Reading Rd. and Lincoln Ave., s. e. cor., 9.9 ft. s. of s. curb, 9.0 ft. e. of e. curb, on pipe, cap 811.842
6. Reading Rd. and Melish Ave. (Shillito St.), n. e. cor., 1.4 ft. e. of e. curb, 15.8 ft. n. of n. curb, on pipe, cap 808.732
7. Reading Rd. and Rockdale Ave., s. w. cor., s. cor. of top of granite block pedestal of main figure of Lincoln monument, disc 742.827
8. Hutchins Ave., 1.9 ft. n. of n. curb, 33.2 ft. e. of e. curb of Reading Rd., on pipe in parking between sidewalk and curb, cap 732.129
9. Reading Rd. and Mitchell Ave., 1.6 ft. from s. w. curb of Mitchell Ave., 2.5 ft. w. of tel. pole, cap on pipe 722.498
10. Reading Rd. and Lenox Place, s. e. cor., 2 ft. from s. curb, 14 ft. e. of e. curb, cap on pipe 735.304
11. Reading Rd. (Paddack Rd.), culv. over Bloody Run Cr., 10 ft. from n. end., 11 ft. from s. end, top of w. stone abut., disc 534.272
12. Reading Rd. and Tennessee Ave. (Ross Ave.), n. e. cor., 15 ft. from n. curb, 1.6 ft. from e. curb, 7.4 ft. n. of spike in tel. pole, 7.2 ft. s. of fire hydrant, cap on pipe 532.522

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		Feet
13.	St. Bernard, Tennessee and Sullivan Aves., s. e. cor., 1.4 ft. s. of s. curb, 17.0 ft. e. of e. curb (produced), cap on pipe	572.250
14.	St. Bernard, Tennessee Ave. and Kemper St., s. e. cor., 1.4 ft. s. of s. curb, 15.9 ft. e. of e. curb, cap on pipe	584.723
15.	Norwood, Carthage and Tennessee Aves., s. e. cor., 1.6 ft. e. of e. curb, 17.2 ft. s. of s. curb, cap on pipe	648.533
16.	Norwood, Carthage Ave., top of found. stone, w. side of cov'd driveway to Globe-Wernicke Co. shipping dept., about cen. of main bldg., 2 ft. n. of cen. of iron post on n. side of door to platform, disc	634.739
17.	Norwood, Duck Cr. Rd., junc. with Williams Ave. and Smith Rd., top of e. headwall of concrete culv., 29.3 ft. from n. end and 26.2 ft. from s. end of wall, disc	602.093
18.	Edwards Rd. and Markbreit (Williams) Ave., s. e. cor., 1.8 ft. from s. curb, 15.7 ft. from e. curb, cap on pipe	625.711
19.	Markbreit and Thirtieth Ave., n. w. cor., 9.0 ft. from w. curb, 9.6 ft. from n. curb, cap on pipe	617.895
20.	Madison Rd. and Ballard (Sherman) Ave., s. e. cor., inside sidewalk curve, 8.2 ft. from s. curb, 9.5 ft. from e. curb, cap on pipe	610.469
21.	Madison Rd., n. side of, B. & O. +ing, s. w. cor. of water meter box e. of water tank, 3.6 ft. e. of + mark on base of iron pedestal, 13.5 ft. w. of tel. pole, 8.4 ft. from s. curb of freighthouse drive, disc	613.759
22.	Madison Rd., Penna. Ry. brg. No. 8 over, s. end of w. stone abut., s. e. cor. of end stone, 2d course above level of road, disc	545.494
23.	Madisonville, Madison Rd. (Main St.) and Wetzell Ave. (Central Ave.), s. w. cor., 1.7 ft. w. of tel. pole, cap on pipe	593.646
24.	Madisonville, s. entrance of town hall, cen. of s. end of stone step, disc	590.241
25.	Erie Ave., overhead brdg. +ing of N. & W. Ry., top of coping stone on w. end of n. abut., 0.6 ft. from s. edge of stone, 0.7 ft. from w. edge, disc	616.849
26.	Erie Ave., n. w. cor. of angle, 1000 ft. s. of N. & W. +ing, on line with tel. poles to n., 3.4 ft. s. of pole, 13.8 ft. n. of pole, cap on pipe	643.110
27.	Erie Ave., n. side, in line with cen. line of w. car track on Delta Ave., 2.4 ft. s. of s. edge of walk, 6.2 ft. e. of + cut in iron trolley pole base, 19.8 ft. w. of cen. of fire hydrant, cap on pipe	725.729
28.	Erie Ave., n. side, in parking s. of sidewalk, w. of drive to Kilgour res. w. of Delta Ave., 3.5 ft. e. of spike in tel. pole base, 4.2 ft. w. of + cut in lamp post base, 2.5 ft. s. of s. edge of sidewalk, cap on pipe	714.759
29.	Erie Ave., between Michigan Ave. and Edwards Rd., n. e. cor. of top of stone cap of cistern on e. side of Kilgour fountain in park, 8.6 ft. and 9.9 ft. from n. e. and s. e. cors. of base of fountain, disc	664.972
30.	Erie Ave. and Edwards Rd., n. w. cor., approx. in s. e. intersec. of property lines, 9.5 ft. from curb of Edwards Rd., 10.3 ft. from curb of Erie Ave., cap on pipe	661.059
31.	Grandin Rd., n. side, at Madison Rd., 1.3 ft. inside of curb, 6.8 ft. from spike in tel. pole on cor., between curb and walk, cap on pipe	755.902
32.	Madison Rd. and Cinnamon St., n. w. cor., 1.5 ft. and 2.9 ft. respectively from curbs, cap on pipe	751.702
33.	Destroyed.	

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		Feet
34.	Woodburn Ave. and Clayton St., n. e. cor., s. of n. bldg. line of Clayton St. (produced), 9.9 ft. w. of + mark in fire plug base, in sidewalk 1.4 ft. inside curb return, cap on pipe	810.682
35.	Gilbert Ave. and McMillan St. (Peebles Cor.), s. e. cor., 12 ft. n. of spike in pole on Gilbert Ave., 16.1 ft. w. of spike in pole on McMillan St., 1 ft. inside curb return, cap on pipe	840.319
36.	Gilbert Ave. and Locust St., on n. w. cor., 0.6 ft. from base of pilaster to s. of main door of Gilbert Ave. entrance of First Presbyterian Church, in 1st step below door step, disc	837.243
37.	Gilbert and Woodburn Aves., s. w. cor., top of 1st stone below doorstep of cor. entrance of Fenton Dry Cleaning place, about 4.3 ft. e. of 1st pilaster w. of doorway, disc	778.905
38.	Gilbert Ave., w. side, in front of house No. 3329, about 1 ft. from curb, 7 ft. s. of + cut in base of iron trolley pole, 10 ft. from s. e. cor. of iron fence, cap on pipe	769.033
39.	Dana Ave., s. side, near Montgomery Rd., 1.9 ft. s. of s. curb, 3.5 ft. e. of + cut in lamp post base, 13.1 ft. w. of tel. pole, cap on pipe.	712.825
40.	Dana Ave., 1 block e. of Montgomery Rd., main entrance to Evanston school, stone steps, 1st landing, 0.45 ft. from inside, 0.65 ft. from e. end of landing, disc	716.091
41.	Duck Cr. Rd., in top of n. pedestal of N. & W. Ry. brdg., 0.6 ft. from n. and w. edges of cap stone, disc	632.604
42.	Duck Cr. Rd., w. side, s. w. cor. of lot of H. Feldman Jr., about 275 ft. n. e. of N. & W. Ry., 30.4 ft. from s. w. cor. of concrete found. of house, 25.9 ft. from spike in base of tel. pole, cap on pipe	629.106
43.	Pearl St., entrance to Penna. R. R. Sta., outside of fence, 1.4 ft. from w. end of top step, disc	497.665
44.	Pearl St., n. side, 1.1 ft. inside of curb, about 100 ft. e. of Eggleston Ave., 4.3 ft. w. of spike in base of tel. pole, 4.6 ft. e. of + cut in base of fire hydrant, cap on pipe	494.563
45.	Martin St., n. side, at E. Third St., 11.2 ft. from + mark in s. e. cor. of stone bldg. No. 1034 Third St., 7.6 ft. from spike in base of tel. pole, 1.3 ft. inside of curb, in brick sidewalk, cap on pipe	561.889
46.	Third St., s. side, about 75 ft. e. of Whittaker St., on line with e. side of house No. 1205, 1.3 ft. inside of curb, cap on pipe	554.871
47.	Eastern Ave., between Weeks St. and Kemper Lane, s. w. cor. of bottom step of e. gateway in retaining wall in front of school, disc.	526.351
48.	Destroyed.	
49.	Eastern Ave., n. side, oppos. house No. 2501, at foot of sloping parking below Torrence Rd., 9.7 ft. e. of + cut in stone at end of retaining wall, 13.2 ft. inside of curb, cap on pipe	500.099
50.	Cincinnati Water Works, Eastern Pumping Station, in water table under 1st window e. of main entrance, 1.7 ft. e. of cor. of large pillar, 0.8 ft. from outside edge of water table, disc	504.395
51.	Eastern and Delta Aves., 0.35 ft. from e. edge of stone doorstep on e. side of Fire Co. No. 18 Bldg., 11.6 ft. from n. e. cor. of bldg., disc.	503.405
52.	Delta and Columbia Aves., s. e. cor., 2.4 ft. e. of e. curb, 11.4 ft. s. of s. curb, cap on pipe	511.997
53.	Delta and Linwood Aves., s. cor., 1.3 ft. inside of curb return, 1.6 ft. e. of e. curb, 4.2 ft. s. of s. curb, cap on pipe	581.372
54.	Delta and Linwood Aves., n. cor., 1.2 ft. inside n. curb of Linwood Ave., 9.4 ft. from s. cor. of store blg., cap on pipe	589.084

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		Feet
55.	Eastern Ave., n. side, in line with e. curb of Carroll St., in brick side walk, 8.3 ft. inside of n. curb, cap on pipe	521.966
56.	Carroll St., sidewalk on s. line of No. 251, 1.1 ft. inside w. curb, 40.2 ft. s. of fire plug, cap on pipe	496.411
57.	Eastern Ave., near Scholls Lane, in front of Leblond Machine Tool Co., on top of retaining wall, 8.7 ft. from n. end, 9.5 ft. from e. curb, disc	507.925
58.	Eastern Ave., w. side, in front of House No. 4724, 1.4 ft. inside of curb, 4.7 ft. s. of spike in tel. pole No. 4110, cap on pipe	507.757
59.	Destroyed.	
60.	Ohio Pike, about 400 ft. s. of Beechmont Ave., oppos. pole No. 485, cap on pipe	498.741
61.	Mt. Washington, w. side of Ohio Pike (Main St.), about 50 ft. n. of Corbly St. in parking, 1.3 ft. outside of sidewalk, 14 ft. s. of fire hydrant, cap on pipe	781.636
62.	Mt. Washington, w. side of Main St., about 80 ft. n. of n. line of cemetery, n. w. angle at junc. of st. walk and school walk, cap on pipe.	808.041
63.	Salem Pike and Kellogg Ave. (New Richmond Pike), about 30 ft. s. of cen. of Salem Pike, 30 ft. e. of cen. of e. car track, 5 ft. w. from white stone post, cap on pipe	488.647
64.	Kellogg Ave., top of n. w. cor. of n. e. seat stone of brg. over Little Miami River, 1.6 ft. from n. edge of stone, 1.7 ft. from w. edge, disc.	490.491
65.	Broadway and E. Pearl St., s. e. cor., 1.3 ft. s. of s. curb, 4.3 ft. e. of e. curb, cap on pipe	492.965
66.	Broadway and Front St., n. w. cor., oppos. landing, 1.1 ft. inside of curb return, 3.2 ft. w. of w. curb, 2.5 ft. n. of n. curb, cap on pipe	488.491
67.	Destroyed.	
68.	W. McMicken Ave., 1.8 ft. from ground in found. stone on s. e. cor. of bldg. of Cincinnati Stamping Co., disc set vertically in e. face	541.957
69.	Vine and McMillan Sts. s. e. cor., 1.2 ft. s. of s. curb, 12.2 ft. e. of e. curb, in sidewalk, cap on pipe	828.321
70.	Jefferson Ave., on e. end of bottom step of concrete steps, 0.8 ft. from e. end of steps, disc	838.988
71.	McMillan and Wheeler Sts., s. w. cor., 0.9 ft. w. of w. curb, 16.1 ft. s. of s. curb, in sidewalk, cap on pipe	858.684
72.	Clifton Ave. and Calhoun St., n. e. cor., 4.4 ft. e. of e. curb 15.5 ft. n. of n. curb, cap on pipe	855.424
73.	Clifton Ave. and Riddle Rd., n. w. cor., 2.3 ft. n. of n. curb, 15.8 ft. w. of w. curb, cap on pipe	787.158
74.	Clifton Ave. and Senator Place, s. e. cor., 9.4 ft. s. of s. curb, 12.3ft. e. of e. curb, cap on pipe	670.568
75.	Carthage and Ehrman Aves., s. e. cor., opp. main entrance of German Prot. Cemetery, 3.2 ft. s. of s. curb, 12.1 ft. e. of e. curb, cap on pipe	560.405
76.	Carthage Ave., oppos. lot between houses 4046 and 4050, 1.8 ft. w. of w. curb, 6.8 ft. s. of spike in pole, cap on pipe	510.141
77.	Carthage Pike and Mitchell Ave., n. e. cor. of, 2.7 ft. e. of e. curb, 12.8 ft. n. of n. curb, cap on pipe	524.795
78.	Bond Hill, s. w. cor. of California Ave. and Reading Rd., in front of Presbyterian Church, 12 ft. s. of s. curb, 4 ft. w. of w. curb, cap on pipe	593.170
79.	Bond Hill, near n. w. cor. of California and Oakdale Aves., 4 ft. n. of n. edge, 23 ft. w. of w. edge, 7.7 ft. w. of + cut in base of fire hydrant, cap on pipe	599.075

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		Feet
80.	Carthage Ave., 1.4 ft. w. of w. curb, about 22 ft. s. of s. curb of Dale (Burgoyne) Rd., 9 ft. s. of spike in base of tel. pole, cap on pipe	629.789
81.	Carthage Ave., 1st bridge n. of Ohio Fuel Supply Co., 1.8 ft. e. of e. head wall, on top stone of n. e. abut., disc	592.761
82.	Pleasant Ridge, Langdon Farm Rd., 2d concrete brg. w. of Montgomery Rd., top of s. head wall, 4.1 ft. from e. end, 5. 1ft. from w. end., disc	686.536
83.	Pleasant Ridge, e. side of Montgomery Rd. oppos., Langdon Farm Rd., 1.8 ft. from e. curb of Montgomery Rd., 6.9 ft. n. of + cut in base of fire hydrant, cap on pipe	748.503
84.	Pleasant Ridge, e. side of Ridge Ave., about 100 ft. n. of C. L. & N. Ry., 1.6 ft. from e. curb, 12.4 ft. n. of tel. pole base, cap on pipe	685.876
85.	Pleasant Ridge, e. side of Ridge Ave., about 700 ft. s. of C. L. & N. Ry., 18 ft. from cen. of rd., 13.4 ft. n. of n. entrance to Vomau's truck farm, cap on pipe	624.249
86.	Freeman and Central Aves., s. e. cor., 1.1 ft. s. of s. curb, 34.1 ft. from e. curb, cap on pipe	527.594
87.	Colerain and Harrison Aves., n. entrance to Brighton German Bank, in n. end of stone doorstep, disc	535.228
88.	Spring Grove and Harrison Aves., n. w. cor., 1.0 ft. inside of curb return, 2 ft. n. of n. curb, 3.3 ft. w. of w. curb, cap on pipe	497.829
89.	Spring Grove Ave., near Garrard St., w. entrance to Ohio Union Brewing Co.'s plant, top of w. end of stone doorstep, disc	509.762
90.	Spring Grove Ave., oppos. intersec. with Rawson St., 1.2 ft. inside of e. curb, 7.0 ft. s. of base of trolley pole, cap on pipe	502.455
91.	Spring Grove Ave., 1.0 ft. w. of w. curb, 9.3 ft. n. of n. line (extended) of Hall Patent Safe Factory, cap on pipe	489.681
92.	Spring Grove Ave., 4.3 ft. e. of e. curb, 13.0 ft. s. of s. curb of Sassafras St., in front of office of Cincinnati Iron Fence Co., cap on pipe	489.346
93.	Cumminsville, s. e. cor. of Hamilton and Vandalia Aves., 1 ft. s. of s. curb, 15.3 ft. e. of e. curb, cap on pipe	494.317
94.	Cumminsville, Palm St. and Hamilton Ave., cen. of water table under e. window of North Side Bank, disc	505.914
95.	Cumminsville, 0.9 ft. s. of s. curb of Spring Grove Ave., 2.4 ft. w. of e. curb (produced) of Chambers St., cap on pipe	486.413
96.	Cumminsville, large culv. under Spring Grove Ave., just e. of Dane St., e. end of n. head wall, disc in stone cap	489.933
97.	Spring Grove Ave., oppos. Mittchell Ave., entrance to Cincinnati Car Co.'s general office, top of s. end of middle step, disc	502.830
98.	Ludlow Ave., e. side, oppos. house No. 943, 1.1 ft. inside of curb, 11.4 ft. n. of spike in pole, cap on pipe	532.866
99.	Ludlow Ave., 1.6 ft. e. of e. curb, 10.3 ft. n. of curb end, which is approx. on w. curb of Lafayette Ave., cap on pipe	525.314
100.	Dickson and Mitchell Aves., s. e. cor., parking 1.1 ft. from e. curb, 11.6 ft. from s. curb, cap on pipe	631.838
101.	Hamilton Ave., e. side, on line with n. side of res. of Louise Seph at rock quarry, 10 ft. e. of e. rail of car track, cap on pipe	756.548
102.	Hamilton Ave., e. side, oppos. n. end of house 5305, 3.6 ft. e. of e. rail of car track, on pipe near and about cen. of stone retaining wall, cap	807.395
103.	College Hill, North Bend Rd. and Hamilton Ave., 1.0 ft. n. of n. edge of sidewalk, about 7.6 ft. w. of post at s. e. cor. of traction shed, on s. side of Traction Sta., cap on pipe	896.579

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		Feet
104.	College Hill, n. e. cor. of North Bend Rd. and Cary Ave., 8.5 ft. from X-mark on base of trolley pole, inside of angle of sidewalks, cap on pipe	906.945
105.	North Bend Rd. and Kirby Ave., s. w. cor., 2 ft. from inside edges of sidewalks of both rds., cap on pipe	929.602
106.	North Bend Rd., w. side of, near middle of 1st curve to s. of Kirby Ave., 1.4 ft. w. of inside edge of sidewalk, oppos. 1st lamp post s. of mail box of Ed. Heinz, cap on pipe	938.306
107.	North Bend Rd., 1st small concrete culvert n. of Pleasant Ridge Rd., in cen. of top of w. headwall, disc	933.125
108.	North Bend Rd., w. side, in front of Dist. No. 8 schoolh., just s. of Pleasant Ridge Rd., 2.2 ft. outside of iron fence, 11.8 ft. n. of n. gatepost, main entrance to schoolyard, cap on pipe	934.161
109.	Cheviot, 3.5 ft. w. of w. curb of North Bend Rd., 30.4 ft. n. of n. curb of Harrison Ave., cap on pipe	914.398
110	Cheviot, n. side of Harrison Ave., oppos. intersec. of Higbee Ave., 8.5 ft. from n. curb, 18.9 ft. w. of + mark on trolley pole	898.092
111.	Cleves Pike, s. side, oppos. intersec. with Fenton Ave., about 7 ft. s. of s. curb, 0.6 ft. inside of walk, 18.6 ft. s. w. of spike in pole, cap on pipe	906.093
112.	Cleves Pike and Bridgetown Rd., n. end of e. abut. of concrete culv., in top of 2d step down, disc	837.850
113.	Bridgetown Rd., on n. e. side, about 0.1 mi. n. w. of Werk Rd., 12 ft. from cen. of rd., 9.8 ft. s. e. of light pole No. 8826, cap on pipe	901.044
114.	Bridgetown Rd., on n. e. side, about 100 ft. s. e. of cen. of Werk Rd., 15 ft. from cen. of rd., 8.5 ft. n. w. of spike in base of pole, cap on pipe	882.931
115.	Bridgetown Rd., s. w. side, s. of intersec. with Muddy Cr. Rd., cen. of top of headwall at outlet of Westwood sewer (head of Muddy Cr.), disc	825.609
116.	Bridgetown Rd., + ing over C. & O. Ry., top of w. end, s. abut., disc.	893.875
117.	Bridgetown Rd., s. w. side of, oppos. intersec. with Ferguson Rd., 3.8 ft. from fence cor., 14.6 ft. from pole, cap on pipe	912.393
118.	Price Hill, n. side of Glenway Ave., oppos. intersec. with Rapid Run Pike, directly oppos. entrance to Jewish Convalescent Home, 1 ft. inside of sidewalk, 10.5 ft. s. of fire hydrant, cap on pipe	889.085
119.	Price Hill, s. side of Glenway Ave., oppos. house No. 4442, 1 ft. inside of curb, 23.8 ft. e. of e. curb of Kreis St., cap on pipe	887.554
120.	Price Hill, s. cor. of Glenway, Warsaw and Seton Aves., 2.3 ft. s. of s. curb of Warsaw Ave., 3.9 ft. e. of e. curb of Seton Ave., cap on pipe	870.683
121.	Price Hill, 2 ft. n. of n. curb of Glenway Ave., 4.2 ft. e. of e. edge of walk to house 3740 between Ross and Quebec Aves., cap on pipe	862.780
122.	Price Hill, n. w. cor. of intersec. of Elberon and Price Aves., 9.3 ft. n. of n. curb, 9.8 ft. w. of w. curb, cap on pipe	858.110
123.	Price Hill, 9.1 ft. w. of w. curb of Elberon Ave., 56.9 ft. n. of n. curb of W. Eighth St., in sidewalk, cap on pipe	855.238
124.	Destroyed.	
125.	Price Hill, 1.3 ft. e. of e. curb of Purcell Ave., about 12 ft. n. of n. curb of Elberon Ave., cap on pipe	713.685
126.	State and Warsaw Aves., n. angle of intersection, 1.9 ft. from base of trolley pole, in top of s. end of concrete wall, disc	527.231
127.	State Ave., 9.4 ft. w. of w. curb, oppos. intersec. with Storrs St., 1.7 ft. out from brick and concrete wall in front of house No. 675, 14.3 ft. n. w. of base of trolley pole, cap on pipe	517.146
128.	State Ave., 1.8 feet e. of e. curb, about 55.5 feet n. of n. curb of Fitzpatrick St., 10.6 ft. n. of pole, cap on pipe	573.730

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		Feet
129.	State Ave., 1.2 ft. w. of w. curb, 7.2 ft. s. of s. line of house No. 1482 produced; 27.6 ft. s. of first angle in curb s. of Liberty St., cap on pipe	569.350
130.	Freeman Ave., 1.2 ft. w. of w. curb, 6.9 ft. s. of n. curb line of Betts St. produced, cap on pipe	504.331
131.	Lincoln Park, e. side, 4.8 ft. s. of base of s. gatepost oppos. intersec. of Freeman Ave. and Laurel St., top of stone fence found. disc	498.883
132.	Freeman Ave. and Sargent St., n. w. cor., 2.5 ft. w. of w. curb, 2.5 ft. n. of n. curb, cap on pipe	486.415
133.	Destroyed.	
134.	Third St., s. side, just e. of e. curb (produced) of John St., 20 ft. w. of w. entrance of Baggage Dept., Union Central Depot; in top of retaining wall (carrying fence), disc	508.272
135.	Third St., 1.1 ft. s. of s. curb, 20.4 ft. e. of e. curb of Central Ave., cap on pipe	508.798
136.	Harrison Ave. and Beekman St., n. w. cor., 1.5 ft. from front wall, 3.5 ft. from s. e. cor. of bldg., in front of fire house, Co. No. 21, in sidewalk, cap on pipe	512.037
137.	Harrison and Westwood Aves., w. angle, 1.5 ft. w. of bottom concrete sidewalk step on Harrison Ave., 12.4 feet s. of s. curb, cap on pipe	500.102
138.	Harrison Ave., s. side, about cen. of large curve s. of Fairmount Ave., 1.9 ft. inside of curb, 11.5 ft. s. of + on trolley pole base, cap on pipe	679.021
139.	Harrison and Fairmount Aves., n. e. cor., 2.4 ft. n. of n. curb, 9.6 ft. e. of e. curb, cap on pipe	710.125
140.	Destroyed.	
141.	Harrison Ave., s. side, in front of Werk res., 2.1 ft. inside of curb, about 15 ft. w. of first angle in curb w. of LaFeuille St., cap on pipe	905.617
142.	Destroyed.	
143.	Westwood Town Hall, s. e. cor. of grounds, 11.9 ft. w. of w. curb of Harrison Ave., 12.0 ft. n. of n. curb of Montana Ave., cap on pipe	912.118
144.	Montana Ave., s. side, in line with iron fence on e. side of Townley's res., 7.9 ft. from fence cor., about 19 ft. from cen. of rd., cap on pipe	883.031
145.	Montana Ave., 8 ft. s. of edge of rd., oppos. Cableman's Milk Dairy, 16.5 ft. w. of spike in pole, cap on pipe	872.450
146.	West Fork Rd., s. side, just e. of intersec. with Montana Ave., near mail box marked Peter Geisler, on top of s. end of concrete headwall of drain intake, disc	551.201
147.	Baltimore Ave. (Roll Rd.), e. side, 1.3 ft. outside of wire fence, 68.6 ft. s. of s. end of e. truss of brg. where W. Fork Rd. crosses creek, first brg. e. of intersec. with Montana Ave., cap on pipe	538.296
148.	W. Fork Rd., on n. side, 0.8 ft. outside of sidewalk, 5.8 ft. e. of pole at w. end of sidewalk, about 44 ft. w. of w. curb of Hays Ave., cap on pipe	499.151
149.	Colerain Ave., 1.4 ft. w. of w. curb, 21.4 ft. n. of n. curb of W. Fork Rd., cap on pipe	502 758
150.	Hamilton Pike, top of e. concrete headwall of culv. over first creek s. of Van Zandt Rd., disc	823 253
151.	Hamilton Pike and Van Zandt Rd., n. e. cor., 5 ft. out from fence, 20.3 ft. n. of pole, cap on pipe	836.263
152.	Mt. Healthy, Hamilton Pike and First St., s. e. cor., about 9.7 ft. e. of e. curb, about 3.5 ft. s. of s. curb, cap on pipe	855.124
153.	Mt. Healthy, n. e. cor. of Hamilton Pike and Third St., outside of sidewalk, about 3.6 ft. e. of e. curb, 17.6 ft. n. of n. curb, cap on pipe	842.106

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		Feet
154.	Spring Grove and Ammen Ave., s. e. cor., 3.4 ft. e. of e. curb, 1.7 ft. s. of s. curb, cap on pipe	503.562
155.	Elmwood, w. side of Main St. (Carthage Pike), in front of house No. 19, 1.4 ft. inside of curb, 31.7 ft. s. of elec. pole, 40 ft. n. of tel. pole, cap on pipe	524.799
156.	Elmwood, n. e. cor. of Main St. and Township Ave., 9.1 ft. from n. curb, 10.9 ft. from e. curb, cor. inside of sidewalk at St. Aloysius' Church, cap on pipe	532.419
157.	Carthage, n. w. cor. of Carthage Pike (Main St.) and Seventieth St. (First St.), 3.5 ft. from n. curb, 10 ft. from w. curb, cap on pipe	531.433
158.	Carthage, n. e. cor. of Main St. and Second St., 5.4 ft. from n. curb, 11.5 ft. from e. curb, cap on pipe	534.930
159.	Carthage Pike, (Springfield Pike), brg. over Mill Creek, near Carthage Fair Grounds, 2.4 ft. from e. end of pier, 2.2 ft. from n. side, in top of e. end of s. abut., disc	539.976
160.	Wyoming, s. e. cor. of Springfield Pike and Wiley or Mills Ave., 7.8 ft. from s. curb, 7.6 ft. from e. curb, cap on pipe	571.752
161.	Wyoming, s. e. cor. of Springfield Pike and Allen Ave., 13.3 ft. from e. curb, 11.4 ft. from s. curb, cap on pipe	582.768
162.	Wyoming, s. e. cor. of Springfield Pike and Pendery Ave., 13.4 ft. from s. curb, 13.5 ft. from e. curb, cap on pipe	616.881
163.	Wyoming, s. w. cor. of Springfield Pike and Fleming Rd., 17.7 ft. from s. curb, 2.8 ft. from w. curb, cap on pipe	626.346
164.	Springfield Pike, w. side of, opp. Valley Cafe, s. of W. Branch Mill Cr., 6.7 ft. w. of w. traction line rail, 8.9 ft. s. of tel. pole 569, cap on pipe	583.721
165.	Marion Ave., 1 block n. of W. Branch of Mill Cr., in top of s. end of w. abut. of culv. over 1st small creek or drain e. of Springfield Pike, disc	586.753
166.	Wyoming, s. e. cor. of Wyoming and Railroad Aves., 19 ft. from s. curb, 12 ft. from e. curb, cap on pipe	575.313
167.	Lockland, 2.7 ft. from n. end of locks, 1.7 ft. e. of w. edge of wall, in top of concrete wall forming part of e. wall, disc	582.895
168.	Reading, concrete brg. over E. Branch of Mill Creek on Benson St., 1.7 ft. from e. end of concrete buttress, in top of e. end of n. truss, disc	558.714
169.	Reading Rd., about 0.25 mi. n. of Hammel Rd., in cen. of top of e. headwall of concrete culv., disc	555.894
170.	Reading and Hammel Rds., n. e. cor. of, 2.1 ft. e. of e. curb, 4.2 ft. n. of n. curb, 1.0 ft. inside curb return, cap on pipe	577.413
171.	Reading Rd. and Summit Pike, s. w. angle of, n. w. end of top of concrete headwall of culvert, disc	565.902
172.	Reading Rd., e. side of, about 0.4 mi. s. of Summit Pike, in line with fence to n., 4.2 ft. from fence to e., 8.5 ft. n. of n. large tree outside of fence, cap on pipe	593.308
173.	Reading Blvd., about 0.3 mi. n. of entrance to golf links of Hamilton Co. Golf Club, in top of ledge, level with rd., s. end of e. abut. of concrete culv., disc	558.529
174.	Reading Blvd., w. side of, 55 ft. n. of n. gate post of entrance to golf links of Hamilton Co. Golf Club, 3 ft. e. of fence, cap on pipe	600.500
175.	Kennedy Heights, about on line of e. side of lot of house No. 6509 Montgomery Rd., about 8 ft. n. of n. curb of Montgomery Rd., in block w. of Belmont Ave., cap on pipe	831.184
176.	Kennedy Heights, s. e. cor. of Montgomery Rd. and Kennedy Ave., 10.1 ft. s. of s. curb (produced), 4.6 ft. e. of e. curb, cap on pipe	846.595

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		Feet
177.	Silverton, s. w. cor. of Montgomery Pike and Plainfield Pike, main entrance to Lilie Bros. grocery, in top of e. end of con. doorstep, disc	857.366
178.	Silverton, Montgomery Pike between Martin Rd. and Home Ave., 2.5 ft. e. of cen. of n. concrete headwall of culv., disc on top of	834.691
179.	Martin Rd., on w. side, about 1 mi. s. of Montgomery Pike, 18.7 ft. and 25.8 ft. from s.-w. and s.-e. cors. respectively of floor of brg. over branch of Duck Creek, cap on pipe	636.216
180.	Martin Rd., 25 ft. w. of cen., 576 ft. s. of culv., 117.5 ft. n. of fence cor. in angle between Martin Rd. and unimproved rd. s. w., about e. of Kennedy Heights, cap on pipe	599.855
181.	California, Chemical House of Cincinnati Waterworks, n. end of e. side, in top of w. end of 2d stone step below doorstep entrance, disc	533.607
182.	California, Cincinnati Waterworks, s. and across traction line from Chemical House, cen. of concrete cap on stone valve chamber, disc	536.803
183.	Sixth Ave., n. side, oppos. house next to and w. of house No. 2809, 10.8 ft. n. of n. curb of Sixth St., 59.8 ft. w. of tel. pole No. 3012, in concrete foundation, disc	508.354
184.	Sixth St., n. side, oppos. house No. 2845, 2.4 ft. n. of n. curb of Sixth St., 18.3 ft. e. of base of water hydrant, cap on pipe	510.383
185.	Liston and Hillside Aves. and Sixth St.. s. e. cor., 11.6 ft. s. of s. curb of Sixth St., 11.7 ft. e. of e. curb of Liston Ave., in con. found., disc	530.651
186.	Liston Ave., s. side, about 1000 ft. w. of intersec. with Hillside Ave., 9.9 ft. n. of n. curb of Liston Ave., in front of Patterson Dairy, cap on pipe	515 979
187.	Liston Ave., n. side, in front of house No. 3574, on top of concrete arch of culv., 2.8 ft. back from s. end, disc	498.977
188.	Liston Ave., n. side, in front of house No. 3604, 7 ft. n. of n. curb, 8.3 ft. n. e. of pole oppos. s. w. cor. of lot, cap on pipe	493.485
189.	Liston Ave., n. side, 7 ft. n. of n. curb, 7 ft. w. of w. edge of walk to 1st house w. of house No. 3646, in concrete found., disc	492.441
190.	Liston Ave., n. side, 0.1 mi. e. of house 4050, 5.3 ft. inside of curb, 4.8 ft. w. of white stone monument marked $\left(\frac{4}{c}\right)$ in concrete found., disc.	489.41
191.	Liston Ave., s. side, oppos. house No. 4050, 8 ft. s. of s. traction line rail, 7.5 ft. e. of pole, cap on pipe	490 001
192.	Lower River Rd., n. side, just w. of Anderson Ferry Rd., 18 ft. n. of cen. of Lower River Rd., 14.5 ft. w. of e. end of low concrete wall, 7.9 ft. w. of pole, in concrete found., disc	490 048
193.	Lower River Rd., n. side, in front of house No. 4422, 7.5 ft. w. of e. fence line of lot, 1.4 ft. s. of rough stone retaining wall, cap on pipe	492.187
194.	Lower River Rd., n. side, about 0.1 mi. e. of Trautman Sta., 2.7 ft. s. of wire fence in front of Fox res., 8.4 ft. w. of mail box, in concrete found., disc	487.263
195.	Lower River Rd., s. side, 5.3 ft. s. of s. traction line rail, 30.6 ft. e. of n. e. cor. of Trautman Sta. bldg., cap on pipe	490.186
196.	Lower River Rd., s. side, 85.7 ft. e. of e. side of St. Josephs Sta. bldg., 8.4 ft. s. of s. traction line rail, in concrete found., disc	489.047
197.	Lower River Rd., s. side, 5.1 ft. s. of s. traction line rail, 12.1 ft. w. of 6th pole w. of St. Josephs Sta., cap on pipe	490.144
198.	Lower River Rd., n. side, on side of hill, 15.9 ft. n. of n. traction line rail, 62 ft. e. of trolley pole in point formed by Rapid Run Rd. e. and uphill connecting with Hillside Ave., cap on pipe	493.964

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		Feet
199.	Lower River Rd., s. side, 6.3 ft. s. of s. traction line rail, 7.6 ft. e. of 2d trolley pole e. of B. Hollen's mail box, 0.14 mi. w. of B. M. 198, in concrete foundation, disc	487.559
200.	Delhi, n. e. cor. of Whipple St., and Lower River Rd., in front of Saint Aloysius School, 6 ft. outside of sidewalk, 12.9 ft. e. of trolley pole, cap on pipe	512.329
201.	Delhi, n. e. cor. of Lower River Rd. and Huey Ave. (Hamer St.), 4.4 ft. outside sidewalk, 5 ft. e. of base of tel. pole, 5.9 ft. n. of base of trolley pole, in concrete found., disc	507.139
202.	Sayler Park, n. cor. of Monitor Ave. (Main) and Lower River Rd., 12.2 ft. n. e. of n. e. curb, 4.3 ft. n. w. of n. w. curb, in concrete found., disc	510.114
203.	Sayler Park, e. cor. of Thelma Ave. (Park) and Lower River Rd., 5.6 ft. n. e. of n. e. curb, 6 ft. s. e. of s. e. curb, in concrete found., disc	509.757
204.	Fernbank, n. e. side of Lower River Rd., about 100 paces s. e. of Orchard Drive, 0.6 ft. outside of sidewalk, 8.9 ft. s. e. of cen. of 1st fire hydrant e. of Orchard Drive, in concrete found., disc	512.849
205.	Fernbank, s. cor. of Orchard Drive and Lower River Rd., 11.6 ft. s. e. of s. e. curb of Orchard Drive, 0.4 ft. outside of sidewalk, in concrete found., disc	509.547
206.	Fernbank Dam, 7.4 ft. e. of flag pole at e. end of bldg. on U. S. reservation, in parking, cap on pipe	489.556
207.	Addyston, junc. of Muddy Creek Rd., River Rd., and First St., n. side of concrete brdg., over branch of Muddy Cr., in top of headwall and about over center of arch, disc	492.195
208.	Addyston, about 1 mi. e. of, on Muddy Creek Rd., near tel. pole 431, in cen. of top of n. headwall of small concrete culv., disc	500.550
209.	Muddy Creek Rd., just w. of 1st rd. to n. and e. of Hillside Ave., on top of n. wing wall of e. abut. of concrete brg., 20 ft. from e. end of n. parapet wall, disc	504.668
210.	Muddy Creek Rd. and Warsaw and Cleves Pike, e. angle, in top of headwall of concrete culv., disc	538.999
211.	Muddy Creek, n. side, 15 ft. n. of lower end of rd. up steep hill to n. and oppos. Mill Park, about 42 paces w. of rd. [illegible]ing branch just w. of res. of J. Hauvreck, in concrete found., disc	677.230
212.	Muddy Creek Rd., n. side, 32.5 ft. e. of fence cor. oppos. brdg. over which rd. w. crosses to s. side of creek, brdg. is last downstream before fords above Mill Park, cap on pipe	739.720
213.	Muddy Creek, about 0.5 mi. w. of Neeb rd., in top of e. end of n. abut. (stone) of steel brdg., about 2.4 ft. from e. end of abut., disc	769.911
214.	Neeb Rd., about 0.25 mi w. of J. Bross' res., in top of e. wing wall of n. abut. of new concrete brdg. over Muddy Creek, 3.5 ft. from e. end of wall, disc	791.240
215.	Muddy Creek Rd., n. w. side, 12 ft. from cen. of rd., 35.9 ft. from n. w. cor. of wooden brdg. over Muddy Cr., 11.2 ft. from mail box in front of J. Bross' res., cap on pipe	799.277
216.	Muddy Creek, C. & O. Ry. overhead [illegible]ing, 5.4 ft. s. of angle at junc. of abut., and n. wing wall, 4.5 ft. above ground in w. abut., disc set vertically	817.674
217.	Liberty St. Viaduct, s. side, 0.6 ft. w. of w. end iron railing, 2.4 ft. e. of e. curb of State Ave., in top of w. end of concrete parapet wall, disc	565.791

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Dayton

F. O. Eichelberger, City Engineer

These bench marks are bronze plates about 4 in. in diameter inscribed "City of Dayton—Topographical Survey of 1914." Where not otherwise noted, they are at curb elevation. The datum used is mean sea-level, as based on the government bench marks given in Part III for the Dayton quadrangle. The work was done with a high-grade level, with level circuits closing almost within the limits prescribed for precise leveling by National bureaus.

Topographic Survey of 1914

Bench marks are numbered serially as follows:

		Feet
1.	Forest Ave. and Helena St., n. e. cor., on Van Cleve school bldg., at s. w. cor. of, in concrete base of railing at 1st entrance to basement from s. on w. side of bldg., 61.05′ e. of e. curb, 44.8′ n. of n. curb.	759.496
2.	Main St., e. side of, at Forest Ave., in s. curb of driveway from Main St. to Engine House 14, Dayton Fire Dept., 17.7′ e. of e. curb, 2.3′ s. of s. curb of Mumma Ave	756.080
3.	Main St. and Laura Ave., s. e. cor, 8.9′ e. of e. curb, 9.2′ s. of s. curb	812.160
4.	Main St. and Hillcrest Ave., s. w. cor., 1.55′ w. of w. curb, 7.35′ s. of s. curb	840.678
5.	Forest Ave. and Lehman St., near, at s. e. cor. of Great Miami Boulevard storm sewer headwall, 188.8′ n. of s. curb, about 90′ s. of s. curb of River Street	747.032
6.	Dayton View brdg., w. end, base of balustrade, n. wing wall, 13.7 ft. e. of e. curb of River St., 50.4′ n. of n. curb of brdg. roadway	750.068
7.	Salem and Neal Aves., s. e. cor., 6.85′ e. of e. curb, 6.95′ s. of s. curb.	779.658
8.	Salem Ave., w. side, between E. Harvard Blvd. and W. Harvard Blvd., 6.85′ w. of w. curb of Salem Ave., 44.55′ n. of s. curb of W. Harvard Blvd	790.425
9.	Salem and Cumberland Aves., n. e. cor., 1.8 ft. e. of e. curb, 9.1 ft. n. of n. curb	882.064
10.	Third St. bridge, e. end, in top of n. wing wall, 4.8 ft. above sidewalk, 27.87 ft. n. of n. curb, 10.55 ft. w. of w. curb of Sunset Ave	751.992
11.	Third St. and Euclid Ave., s. w. cor., in w. curb of main drive into Engine House 13, Dayton Fire Dept., 14.4 ft. s. of s. curb, 55.8 ft. w. of w. curb	765.547
12.	Third St. and Western Ave., s. w. cor., 10.2 ft. s. of s. curb, 8.4 ft. w. of w. curb	765.311
13.	Third St. and Northampton Ave., s. w. cor., in w. side of 1st step, at n. entrance to Jackson school, 42.3 ft. s. of s. curb, 37.6 ft. e. of w. line of schoolh	781.973
14.	Abbey Ave., e. side, at +ing of C. H. & D. Ry., Soldiers Home Div., 17.8 ft. e. of e. gauge line e. rail, City Ry., Third St. Div., 3.7 ft. n. of n. gauge line, n. rail of Ry	789.822
15.	Germantown St., w. of McArthur Ave., w. side of 1st step at n. entrance of Harrison schoolh., 0.6 ft. n. of n. line of schoolh., 9.6 ft. e. of w. line	811.992
16.	Germantown St. and Clifton Rd., n. e. cor., 10.5 ft. n. of s. edge of n. sidewalk, 1.1 ft. e. of e. curb	770.324

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		Feet
17.	Germantown and Summit Sts., s. w. cor., stone step at floor elev. n. entrance to Willard school, 50.5 ft. s. of s. curb, 94.4 ft. w. of w. curb	760.612
18.	Broadway and Miami Chapel Rd., n. e. cor., 9.5 ft. e. of e. curb, 1.9 ft. n. of n. curb	740.854
19.	Miami Chapel Rd. and Wisconsin Blvd., at n. w. cor., 8.8 ft. n. of n. curb, 8.7 ft. w. of w. curb	739.124
20.	Wayne Ave., w. side, at s. end of Wayne Ave. canal bridge, 12.9 ft. w. of w. curb	748.281
21.	Third St. e. of Sears St., in concrete base of railing at entrance to Dayton Power & Light Co's. generating sta., 19.0′ n. of n. curb, 140.1′ e. of e. curb of Sears St., about 1′ above sidewalk	744.351
22.	Warren St., e. side, at Burns Ave., in parkway, 15.2′ e. of e. curb of Warren St. and 34.1′ s. of n. curb line of Burns Ave	734.021
23.	Brown St., w. side, oppos. Oak St., 2.1′ w. of w. curb, 12.8′ s. of s. curb, produced	740.116
24.	Main St., w. side, at D. L. & C. Ry. +ing, 6.9′ w. of w. curb of Main St., 49.1′ s. of s. rail, s. track of D. L. & C. Ry	747.757
25.	Brown and Caldwell Sts., s. e. cor., 10.6′ w. of w. curb, 9.3′ s. of s. curb	768.312
26.	Wayne Ave. and Wyoming St., s. e. cor., 13.5′ e. of e. curb, 7.9′ s. of s. curb	761.030
27.	Wyoming and Fillmore Sts., n. e. cor., 7.2′ n. of n. curb, 8.9′ e. of e. curb	777.332
28.	Wayne Ave. and Wilmington Pike, s. w. cor., 10.3′ s. of s. curb, 9.8′ w. of w. curb	893.422
29.	Wayne & Highland Aves., n. e. cor., 4.8′ n. of n. curb, 11.6′ e. of e. curb	933.050
30.	Linden Ave. and Paul St., n. w. cor., 8.3′ n. of n. curb, 16.1′ w. of w. curb	781 085
31.	Linden and Lorain Aves., n. w. cor., 18.0′ s. of s. curb, 9.3′ n. of n. curb, 7.3′ w. of w. curb of Wilfred Ave	839.624
32.	Richard and Samuel Sts., n. w. cor., 6.0′ n. of n. curb, 8.5′ w. of w. curb	765.326
33.	St. Paul Ave. and Sherman St., n. w. cor., 8.8′ w. of w. curb, 9.0′ n. of n. curb	765.780
34.	Third and Monmouth Sts., n. e. cor., 1.4′ n. of n. curb, 9.6′ e. of e. curb	772.883
35.	First and Springfield Sts., n. w. cor., 4.6′ n. of n. curb, 1.6′ n. of n. curb.	754.637
36.	June St., on e. side, n. of Third St., 10.6′ e. of e. curb, in s. curb of alley just s. of Engine House 6, Dayton Fire Dept., 115.9′ n. of n. curb	768.117
37.	First and Harshman Sts., s. w. cor., 1.6 ft. s. of s. curb, 8.8′ w. of w. curb	748.677
38.	Mad River, s. bank, just e. of Keowee St., in concrete base of iron fence on n. property line of Dayton Water Works property	750.701
39.	Valley St., e. side, just n. of Light St., in water table at first window s. of w. entrance of Engine House 8, Dayton Fire Dept., 12.75′ e. of e. curb, 73.4′ n. of n. curb line of Light St. East	746.553
40.	Leo St., s. side, at C. H. & D. Ry. +ing, 6.9′ s of s. curb, 19.6′ w. of w. rail, w. track	752.090
41.	Washington St. Bridge, e. end, n. wing wall at sidewalk elev., 18.9′ n. of n. curb	744.26
42.	Oxford Ave. and Vermilion Rd., n. e. cor., 31.4′ n. of s. curb	776.572

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OTHER OHIO CITIES

All cities in the State have not yet legally adopted sea level for official datum, as has Cincinnati, but all Ohio cities have now been connected with mean sea-level through the efforts of the Government engineers whose work is presented in Part III preceding.

Without doubt, sea-level will soon become the datum used in every city, county, and State project, but at present there is such a mass of records, which were made before the Government work became available, that it will take some time before sea-level is adopted universally.

The following notes will enable one to transform profiles, and other records of elevations, to sea-level datum where such has not been used in the cities given.

Cleveland

Robert Hoffman, Chief Engineer

Official bench mark, known as number 1, Arabic is a bronze bolt enclosed in masonry with suitable covering in northeast portion of Public Square, 174.22 feet east of Ontario Street center line and 153.41 feet north of Superior Avenue center line; elevation 82.13 feet above city base of levels, which is the supposed high water surface of Lake Erie in 1838.

The United States bench mark at the Soldiers' Monument in the Public Square (see page 397) which has an elevation of 668.692 above sea, has an elevation of 93.652 above city datum. *Therefore, add 575.04 feet to city elevation to obtain elevations above sea.*

Columbus

Henry Maetzel, Chief Engineer

Official bench mark originally was point on water table at northeast or northwest corner of State House, elevation of which was assumed at 100 feet above city datum. Later a brass plug was set in sidewalk at southwest corner of State House grounds (northeast corner of State and High streets) the elevation of which above city datum is given as 93.85 feet.

July 17, 1915, Prof. R. C. Sloane connected this city bench mark, and one other, with the United States bench mark at the Court House (four blocks south) for description of which mark see page 431, and obtained two figures, 680.35 and 680.41, as the elevation of city datum above sea. Owing to the condition of city bench marks it was not feasible to get closer results.

Therefore, add 680.38 feet to city elevations to obtain elevations above sea. (680.63—not 780.63 as printed on page 431—was formerly added to old city elevations to obtain elevations above sea.)

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Toledo

L. T. Owen, Assistant Engineer

Original official bench mark on a stone monument on center line of Summit and Monroe streets, elevation at first assumed to be zero feet, later 100 feet, above city datum.

Toledo city bench mark No. 165 has an elevation of 115.326 feet above city datum. The United States elevation for this same point (see page 662) is 596.419.

The elevation of the brass bolt, on the U. S. custom office building at corner of Madison and St. Clair streets, is 122.733 feet above city datum, and 603.888 feet above sea level (see page 662). The difference, namely, *481.155 feet is usually added to old city elevations to obtain elevations above sea.*

Akron

E. A. Zeisloft, City Civil Engineer

Bench mark on meridian stone in court house yard, 245.850 feet above city datum. The United States government elevation of this same mark is 1027.896 as determined by leveling from U. S. G. S. bench mark on the northeast corner of porch to county jail (elev. 1027.182—see page 322). *Therefore add 782.046 to elevations based on city datum.* A new system of bench marks for the entire city will soon be established, based on mean sea level as datum.

Youngstown

Office of City Engineer

"Since May 17, 1911, elevations of Youngstown have been referred to sea level as given by the two Government bench marks within the city limits and given on page 454 of the Ohio Topographic Survey which you sent (pages 703 and 704 of the present volume).

"Before the above date Youngstown City datum was taken as 400 and was the elevation of a stone bench set on the Public Square.

"Careful lines of levels run from the 'Haselton at Andrews Crossing' bench (836.451) and the 'Youngstown opposite Ohio Steel Works' bench (853.031) gave differences of 458.11 and 458.09 respectively, we have *therefore always taken the average of 458.10* as the difference to be added to the old elevations."

L. T. Fawcett July 8, 1916.

Canton

W. E. Sarver, City Civil Engineer

The United States bench mark upon the Stark County court house, which has an elevation of 1061.529 above sea as given on page 381 of this

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book, has an elevation of 961.859 referred to Canton city datum.

Therefore, add 99.670 feet to city elevations to obtain elevations above sea.

Delaware

Geo. S. Irwin, City Engineer

City datum is 795.55 feet above sea-level as determined by connection with the United States bench mark on step at northwest corner of city hall as described on page 420 preceding.

The Miami Conservancy District

Arthur E. Morgan, Chief Engineer

Dayton, O., July 25, 1916.

The datum used in the work of The Miami Conservancy District is mean sea level as determined by the U. S. Geological Survey.

The City Engineers of the cities in the District, with the exception of of Piqua, have independent datum surfaces. The following is a list of such equivalents as we have:

Hamilton city datum is 501.631 feet above sea level; Middletown, 553.37 feet; Miamisburg, 679.40 feet; Dayton (old datum), 722.13 feet; Troy, 783.32 feet; and Piqua city datum is zero feet above sea level.

RAILROADS

Baltimore and Ohio Railroad

R. N. Begien, Chief Engineer

The following Baltimore and Ohio levels were connected with, but not adjusted to the 1912 United States datum.

Those between Uhrichsville and Wheeling, shown on map No. 2 in pocket by heavy blue line, were run by precise methods, but are not included in the 1912 adjustment of the precise level net of the United States,

However, the differences in elevation between the railroad determinations and the United States standard elevations (printed in bold-face type in the lists following) will enable the remaining figures to be closely adjusted to the 1912 datum, by those especially interested.

Cleveland-Wheeling Division

This line beginning at the copper bolt (B. & O. B. M. 48) on the Uhrichsville Quadrangle, passes through the northeast corner of the Antrim Quadrangle and crosses the Flushing and St. Clairsville Quadrangles to Wheeling. The bench marks on this line are numbered in the notes

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(not stamped on the monuments) from Warwick to Wheeling, number 48 being one mile north of Uhrichsville. Elevations of B. & O. bench marks 1 to 48 between Warwick and Uhrichsville, may be found in Part III listed under the quadrangles through which the railroad passes.

T. R. means top of rail

		Feet
48.	Uhrichsville, M. P. B. 62, s. end of mud wall, e. abut. of undergrade rd. +ing, copper bolt; (U. S. G. S. elevation **862.029**—see page 666)	860.942
50.	Tel Pole. 60-13, w. end n. coping of culv., copper bolt; T. R. 859.30	852.018
53.	Tel. P. 56-26, e. end of s. coping of culv., copper bolt; T. R. 862.85	858.464
54.	M. P. B. 56 mi., 75 ft. e. of, e. end n. coping of culv., chiseled X mark; T. R. 871.92	869.636
55.	Stillwater, 400′ w. of sta., s. end e. abut. of brg. 125., copper bolt; T. R. 864.72	861.698
56.	M. P. Bellaire 54 mi., n. side of track, rail section; T. R. 863.25	862.853
57.	M. P. Bellaire 53 mi., n. side of track, rail section; T. R. 864.46	864 079
58.	M. P. Bellaire 52 mi., n. side of track, rail section; T. R. 867.08	866.711
59.	Tel. P. 51-12, e. end of s. coping of culv., copper bolt; T. R. 866.64	860.585
60.	Tippecanoe, Tel. P. 50-10½, e. end n. coping of culv., copper bolt; T. R. 872.13	858.860
62.	Tel. P. 48-15, n. side of tracks, rail section; T. R. 873.73	873.362
63.	Tel. P. 47-21, in large rock on s. side track, copper bolt; T. R. 873.41	866.040
64.	Tennent Tunnel, w. end of, mud wall n. end w. abut. of brg. 134., copper bolt; T. R. 876.65	875.610
65.	Tennent Tunnel, 0.6 mi. e. of, tel. pole 46-20, n. side of tracks, rail section; T. R. 876.96	876.568
66.	Tel. P. 45-23, w. end s. coping of culv., copper bolt; T. R. 876.35	874.315
67.	Tel. P. 44-28, w. end s. coping of culv., C. bolt; T. R. 877.18	874.831
69.	Freeport, 1 mi. e. of, e. end e. wing wall s. abut. of rd. brg., copper bolt; T. R. 882.72	884.817
72.	M. P. B. 40, opp:, n. of trks., vertical rail; T. R. 887.19	886.686
74.	Tel. P. 38-3, w. end s. coping of culv., copper bolt; T. R. 895.61	893.934
75.	Tel. P. 37-4, e. end s. coping of culv., copper bolt; T. R. 900.28	896.849
76.	Holloway, 0.3 mi. w. of sta., M.P.B. 36, n. of trks., vert. rail; T.R. 904.92	904.533

Wheeling Division

78.	Holloway, e. end of yards, w. end s. coping of culv., copper bolt; T. R. 958.25	936.530
79.	T. P. 33-9, s. end of mud wall, e. abut. of big brg. 153., copper bolt; T. R. 1018.26	1017.155
80.	Flushing, ¼ mi. w. of, s. end of mud wall, w. abut. of brg. 154, copper bolt; T. R. 1060.13	1058.894
81.	Tel. office, 0.3 mi. e. of, 8th course masonry from top, n. end w. abut., rd. undergrade brg., copper bolt; T. R. 1092.35	1094.268
82.	Tel. P. 28-27, n. end mud wall, e. abut. of brg. 160, copper bolt; T. R. 1056.12	1055.237
83.	Lafferty, tel. pole 27-32, s. end mud wall, e. abut. of brg. 162, copper bolt; T. R. 1032.21	1031.262

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		Feet
84.	Lafferty, 600 ft. e. of sta., s. end mud wall w. abut. of brg. 163., copper bolt; T. R. 1023.12	1022.081
85.	M. P. B. 27, s. end mud wall e. abut. of brg. 166, copper bolt; T. R. 1015.62	1014.604
86.	Tel. pole 25-30, n. end mud wall e. abut. of brg. 169, C. bolt; T. R. 999.00	997.921
87.	Bannock, e. end s. wing wall e. abut. of brg., C. bolt; T. R. 988.53	987.014
88.	Bannock, 1 mi. e. of, n. end mud wall e. abut. of brg. 174, C. bolt; T. R. 952.46	951 012
89.	Taylor Crossing, 6th course of masonry from top, e. abut. of brg., sq. cut; T. R. 933.38	937.368
90.	Fairpoint, ¾ mi. w. of, n. end brg. seat w. abut. of brg. 176, C. bolt; (U. S. G. S. elevation **920.248**—see page 615)	919.671
91.	Fairpoint, ¼ mi. e. of sta., w. end n. coping of culv. at T. P. 21-4, C. bolt; T. R. 906.38	905.259
92.	Fairpoint Tunnel, w. end of, w. wall of basin at brg. 184, copper bolt; T. R. 992.42	888.646
93.	Tel. pole 19-11, e. end s. coping of small culv., C. bolt; T. R. 881.51	875 521
94.	Tel. pole 18-11, e. end n. coping of small culv., C. bolt; T. R. 863.14.	860.275
95.	Maynard, tel. pole 17-25, s. end brg. seat e. abut. of brg. 189, C. bolt; T. R. 857.87	854.527
96.	Maynard Sta., n. end brg. seat e. abut, of brg. 191, C. bolt; T. R. 852.58	849.099
97.	M. P. B. 16, w. end w. wing wall n. abut. of rd. brg., C. bolt: T. R. 838.15	841.306
	U. S. G. S. B. M. elevation **841.567**—see page 615	841 051
98.	Crescent Sta., n. end w. abut. of brg. 196, C. bolt; T. R. 819.22	817.934
99.	St. Clairsville Jct., ½ mi. w. of, T. P. 13-20, w. end s. coping of culv., C. bolt; T. R. 803.40	799.966
100.	Barton, 0.1 mi. e. of, n. end mud wall, e. abut. of brg., C. bolt; T. R. 794.33	793.024
101.	Barton Tunnel, w. portal of, s. end mud wall w. abut. of brg., C. bolt T. R. 780.86	779.817
102.	Tel. Pole 11-10, s. end e. abut. of brg. 204, C. bolt; T. R. 754.36	753.238
103.	Brg. 208, n. end mud wall, w. abut., C. bolt; (U. S. G. S. elevation **741.639**—see page 615)	743.013
104.	Pasco, ¼ mi. w. of, T. P. 9-16, s. end mud wall e. abut. of brg. 210, C. bolt; T. R. 731.35	730.250
105.	Pasco, ¼ mi, e. of, M. P. B. 8, n. end mud wall, e. abut. of brg. 212, C. bolt; T. R. 703.04	701.814
106.	T. P. 6-30, n. end mud wall of e. abut. of brg., C. bolt; T. R. 679.77	678.817
107.	T. P. 6-5, s. end mud wall e. abut. of brg., C. bolt; T. R. 659.54	658.437
108.	Wheeling Creek, w. side of city brg. over, n. w. cor. 2nd pedestal s. of trk., sq. cut; T. R. 656.60	664.718
109.	Bridgeport, e. wing wall s. abut. of rd. brg. to island, U. S. G. S. alum. plate; T. R. 659.99 (U. S. G. S. elev. **661.576**—see page 693)	661.193
110.	Bridgeport Sta., 1.5 mi. e. of, n. end e. abut. of rd. brg., sq. cut; T. R. 646.27	642.681
111.	Bridgeport, 2.5 mi. e. of, s. end e. abut. of P. R. R. 58½, U. S. B. M. sq. cut; T. R. 655.38	655.708

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		Feet
112.	Bellaire, cor. of 32nd and Hamilton Sts., w. end retaining wall, n. of trks., sq. cut; T. R. 651.94	660.534
112A.	Bellaire, w. end n. coping of approach to Ohio Riv. brg., sq. cut; T. R. 682.80	682.456
113.	Bellaire, 200′ e. of sta., cen. w. abut. of Ohio Riv. brg., sq. cut; T. R. 699.57	694.987
114.	Ohio River brg., w. end n. coping, e. end e. approach, sq. cut; T. R. 688.93	687.879
115.	Benwood, 1 mi. w. of, Riverside Steel Works, pedestal n. of trks. overhead foot brg., sq. cut; T. R. 657.88	659.491
116.	Wheeling, W. Va., s. e. cor. of 33d and McColloch Sts., curb, sq. cut; T. R. 657.53	660.316
117.	Wheeling, 1 mi. e. of, near junc. of O. R. R. and B. & O., s. end w. abut. brg. 19, sq. cut; T. R. 650.11	649.003
118.	Wheeling, brg. over Wheeling Cr., n. of trks., back wall of w. abut., sq. cut; T. R. 651.68	651.312

Newark Division

Wheeling, W. Va., to Newark, Ohio

The elevations in the following list are not adjusted to United States standard datum. However, they have been connected by the railroad engineers at numerous points along the line to the Government bench marks, and by this means those especially interested may make their own adjustments at localities where Government bench marks are not more convenient.

The monuments in the following list are not stamped with serial numbers, but for convenience the railroad officials refer to them by the serial numbers given below. Other elevations, at portions of the line, may be found in Part III listed by quadrangles through which the railroads passes.

1.	Benwood Jct., n. w. cor. of w. end of upper platform, chiseled point	675.525
2.	Bellaire, n. w. cor. coping w. end of viaduct, chiseled point	682.274
3.	Brg. 4, n. w. cor. of mud wall, w. abut., chiseled point	659.720
4.	Brg. 5, n. w. cor. mud wall, w. abut., chiseled point	668.880
5.	Brg. 7, n. w. cor. w. abut., chiseled point	680.710
6.	Brg. 8, n. w. cor. mud wall, w. abut., chiseled point	690.31
7.	McClainville, brg. 9, n. w. cor. mud wall, w. abut., chiseled point	710.280
8.	Neff, n. w. cor. mud wall, w. abut. brg. 10, chiseled point	721.710
9.	Neff Siding, 2369 ft. w. of brg. 10, n. w. cor. of n. coping of culv.	726.060
10.	Brg. 12, cen. of s. coping of arch, chiseled square	748.730
11.	Brg. 13, n. e. cor. mud wall, e. abut., chiseled square	764.740
12.	Stewartsville, n. e. cor. found. of e. portal, chiseled point	758.550
13.	Brg. 16, n. e. cor. mud wall, w. abut., chiseled point	799.920
14.	Brg. 17, n. e. cor. mud wall, w. abut., chiseled point	810.225

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15. Glencoe, brg. 18, w. abut., n. w. cor. mud wall, chiseled square 831.205
16. Glencoe Tunnel, brg. 20, w. abut., n. e. cor. mud wall, chiseled point. 857.185
17. Fulton, brg. 21, n. side of e. mud wall, chiseled square 891.470
18. Warnock, n. side of w. mud wall of brg. 23, U. S. G. S. B. M., (U. S. G. S. Elev. **941.347**—see page 615) 940.960
19. Brg. 25, n. side mud wall, w. abut., chiseled square 967.770
20. Brg. 27, n. side w. abut., chiseled square 996.370
21. Brg. 29, s. w. cor. of s. coping of arch 1032.940
22. Lamira, near M. P. B. 16, n. w. cor. of s. headwall of 4 by 4 stone box 1031.220
23. Brg. 31, n. w. cor. of coping, chiseled square 1045.190
24. Belmont, tel. pole 17 28, s. w. cor. head wall of 24" C. I. pipe, chiseled sq., 1107.135
25. Bethesda, 1 mi. e. of, in tel. pole 19 22, sq. headed bolt 1219.550
26. Bethesda, n. side w. end of platform curb, chiseled sq 1234.975
27. Bethesda, 4900' w. of, spike in tel. pole 1273.965
28. Speidel, spike in tel. pole 22 16 ..... 1279.775
29. Brg. 38, e. end of, on bolt head n. of tracks, cross cut 1266.060
30. Spike in tel. pole 24 8 ..... 1255.170
31. Tacoma, in tel. pole 24 38, spike 1272.140
32. Spike in tel. pole. 25 30 ..... 1265.830
33. Barnesville, e. end s. abut. of O. H. brg. 40 ..... 1235 530
34. Tel. pole 28 24, on s. head wall of 24" T. C. P., chiseled square 1108 470
35. Tel. pole 29 18, n. head wall of 18" C. I. P., chiseled square 1045.765
36. Spike in tel. pole 30 20 ..... 965.850
37. Bailey's Mills, 900 ft. w. of, s. head wall of 24" T. C. P., chiseled square 951.135
38. Brg. 43, s. e. end of coping, chiseled square 918.700
39. Tel. pole 32 17, n. head wall of stone culv., chiseled square 881.610
40. Brg. 45, e. cor. of s. coping, chiseled sq. (U. S. B. M. painted point on road bridge) 879.760
41. Eldon, at sta., (U. S. Elevation 880.51) 879.195
42. Brg. 46, s. e. cor. of arch, chiseled square 874.005
43. Quaker City, 5 ft. e. of n. e. cor. of sta., in top of property stone, U. S. G. S. aluminum tablet, (U. S. G. S. Elev. **874.352**—see page 650) .. 873.015
44. Brg. 49, n. side of e. abut., chiseled square 861.725
45. Tel. pole 35 36, spike, (U. S. B. M. Elevation 858.64) 857.215
46. Brg. 50, s. e. coping of, chiseled square 855.175
47. Salesville, 0.08 mi. w. of, n. side of small stone box, paint mark (U. S. G. S. Elev. **852.207**—see page 650) 850.825
48. Brg. 52, s. e. cor. of s. coping, chiseled square 849.820
49. Brg. 53, s. e. cor. of coping, chiseled sq. (U. S. G. S. Elev. 844.125) ... 842.715
50. Brg. 54, e. abut., n. of track, alum. tab. stpd. "838" (U. S. G. S. Elev. **837.544**—see page 650) 836.200
51. Gibson spike in tel. pole 41 5 (U. S. painted elev. 832.65) 831.240
52. Lore City, 1.6 mi. e. of, 35 ft. n. of tracks, on w. side s. abut. of brg., chiseled sq. 822.740

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		Feet
53.	Lore City, 0.5 mi. e. of, n. abut. of brg. 56, alum. tab. (U. S. G. S. Elev. **822.786**—see page 650)	821.545
54.	Brg. 57, n. side of e. abut., chiseled square	814.140
55.	Kings, 700′ w. of, n. head wall of 36″ pipe, chiseled sq	809.420
56.	Klondyke, 0.1 mi. e. of, s. side of w. abut. of brg. 61, alum. tab. (U. S. G. S. Elev. **807.688**—destroyed)	806.490
57.	Mineral Siding, w. abut. of brg. 62, n. side mud wall, chiseled sq	805.790
58.	Tel. pole 48/23, n. head wall of 48″ pipe, chiseled sq	795.590
59.	Brg. 65, n. side e. abut., chiseled sq. (U. S. Elev. **803.8**)	802.575
60.	Guernsey, 1100 ft. e. of sta., n. head wall of 18″ pipe at Leatherwood Mine, chiseled sq	802.510
61.	Brg. 66, on cen. of mud wall of e. abut., chiseled sq. (U. S. Elev. **804.40**, see page 417)	803.150
62.	Cambridge, B. & O. side of baggage room, s. w. cor. of door sill	803.550
63.	Brg. 67, w. abut., n. w. cor. mud wall	801.110
64.	Brg. 68, n. side of w. end of coping, chiseled square	801.730
65.	Brg. 69, 2900 ft. w. of, concrete headwall, s. of trks., alum. tab. (U. S. Elev. **804.423**—see page 378)	803.350
66.	Brg. 71, s. side w. end of coping, chiseled square	801.440
67.	Cassel, 60 ft. n. of sta., n. e. cor. of stone abut. of rd. brg., alum. tab., (U. S. G. S. Elev. **804.115**—see page 378)	802.910
68.	Brg. 73, n. w. cor. of s. coping, chiseled point	805.140
69.	Brg. 73, 2000 ft. w. of, s. e. cor. of n. head wall of pipe, chiseled point	805.790
70.	Tel. pole 57/34, s. head wall of 24″ pipe, chiseled sq	812.940
71.	New Concord, 2.7 mi. n. e. of, in fence cor. 50 ft. s. of trks., iron post (U. S. G. S. Elev. **814.885**—see page 415)	813.760
72.	Brg. 78, s. coping of, chiseled square	820.640
73.	Brg. 80, in s. coping, chiseled square	824.930
74.	New Concord, 60 ft. n. of sta., iron post (U. S. G. S. Elev. **843.243**—see page 415)	842.120
75.	Brg. 86, second step on n. side of w. abut., chiseled point	845.830
76.	Brg. 88, coping n. side of arch, chiseled square	887.270
77.	Tel. pole 62/25, n. e cor. of n. head wall, chiseled sq	925.285
78.	Tel. pole 61/6, s. head wall, chiseled square	939.065
79.	Sundale, 30 ft. n. of trk. at sta., iron post stamped "886", (U. S. G. S. Elev. **886.055**—see page 591)	885.090
80.	Brg. 89, n. e. cor. w. mud wall, chiseled square	782.800
81.	Bridgeville tower, s. w. cor. of stone found. of water tank, alum. tab. stamped "770" (U. S. G. S. Elev. **770.162**—see page 591)	769.190
82.	Brg. 90, n. e. cor. of w. mud wall, chiseled square	762.670
83.	Brg. 95, extreme n. w. cor. of n. coping	767.550
84.	Brg. 99, aluminum tablet stamped "778" (U. S. G. S. Elev. **778.596**—see page 591)	777.530
85.	Brg. 102, n. w. corner of n. coping	802.160
86.	Sonora, 40 ft. n. e. of B. & O. sta., iron post (U. S. G. S. Elev. **808.637**—see page 591)	808.150

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87.	Brg. 105, on found. of w. pedestal of O. H. brg., n. of trks., chiseled sq.	828.905
88.	Tel. pole 74 36, on n. headwall, chiseled square	753.200
89.	Brg. 107, w. wing wall on n. side of, chiseled square	714.800
90.	Tel. pole 77 5, on s. head wall, chiseled square	703.000
91.	Zanesville, 1800′ e. of sta., n. head wall, chiseled square	701.195
92.	Zanesville, s. end of passenger sta., stone window sill nearest track., +cut (U. S. G. S. Elev. **707.97**)	707.025
93.	Brg. 110, n. w. cor. of e. brg. seat	699.030
94.	Brg. 112, s. pedestal e. abut., cross cut	700.595
95.	Brg. 112, w. abut., s. wing wall, (U. S. G. S. Elev. **698.540**)	697.170
96.	Brg. 112, 7200 ft. w. of, s. w. cor. head wall, s. of tracks, chiseled sq.	718.505
97.	M. P. B. 83, 1943 ft. e. of, w. end of s. parapet wall of 48″ pipe, +cut	712.510
98.	Brg. 113, 2800 ft. e. of, s. w. cor. of s. head wall	721.720
99.	Brg. 113, w. end of s. parapet wall, chiseled square	723.300
100.	Brg. 114, w. end of s. parapet wall, chiseled square	724.510
101.	Brg. 115, n. end of coping, w. abut., chiseled square	729.625
102.	Brg. 116, w. end of s. parapet wall, chiseled square	733.090
103.	Pleasant Valley, entrance to store and station, door sill	736.720
104.	Brg. 117, cut in w. end s. parapet wall, chiseled cross	737.005
105.	Nashport, 500 ft. w. of sta., s. e. cor. of wooden head wall	756.595
106.	Brg. 119, w. end s. parapet wall, chiseled square	747.100
107.	Tel. pole 91 15, w. end s. parapet wall, chiseled square	777.345
108.	Brg. 120, w. end s. parapet wall, chiseled square	776.795
109.	Toboso, s. e. cor. of sta., aluminum tablet stamped "780" (U. S. G. S. Elevation **780.02**—see page 452)	779.035
110.	Tel. pole 94 35, s. w. cor. of head wall, s. of tracks, chiseled square	781.210
111.	Brg. 121, 4500 ft. e. of, s. w. cor. of head wall, s. of trk.	776.345
112.	Brg. 121, n. w. cor. of brg. seat, e. abut., alum. tab. stpd. "776" (U. S. G. S. Elev. **776.040**—see page 556)	775.100
113.	Brg. 121, n. end of platform, w. abut., chiseled cut	778.200
114.	Brg. 122, 1100 ft. e. of, s. w. cor. of s. head wall, chiseled square	780.825
115.	Brg. 122, w. end of s. parapet wall, chiseled square	780.255
116.	Brg. 123, w. abut., s. end of back wall, chiseled square	783.090
117.	Brg. 124, w. abut., n. end of back wall, chiseled square	787.080
118.	Brg. 125, w. abut., s. end of back wall, chiseled square	786.440
119.	Brg. 126, w. end of s. parapet wall, chiseled square	796.935
120.	Brg. 127, w. end of s. parapet wall, chiseled square	807.155
121.	N K tower, s. of tracks, n. w. cor. of concrete wall	806.445
122.	Brg. 128, s. e. cor. of e. back wall, chiseled square	824.660
123.	Newark, e. side of courthouse, stone step, alum. tab. stpd. "836" (U. S. G. S. Elev. **836.037**—see page 556)	834.855

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Pennsylvania Lines in Ohio

Southwest System

W. C. Cushing, Chief Engineer M. of W.

The Government engineers have run lines of levels over or alongside most of the mileage of the Southwest System, in procuring the data given in Part III. Although a complete list of bench marks for this system was kindly furnished by Mr. W. C. Cushing, to save duplication, only the portions thereof which lie in localities not otherwise covered in Part III are reproduced in lists following.

These elevations are not closely connected with, nor adjusted to, the latest work of United States officials. They were compiled during 1916 by the engineers of the Pennsylvania Lines, and forwarded by Mr. Cushing under date of October 26, 1916.

Dayton and Western Branch

Dayton via Brookville and West Manchester to New Paris	*Feet*
W. of Xenia, brg. 201, on n. e. corner e. abutment	910.96
W. of Xenia, brg. 202, on n. side w. abutment	897.62
W. of Alpha, brg. 205, on n. corner e. abutment	814.34
W. of Alpha, brg. 205A, on n. e. corner, n. coping, culv	816.58
W. of Alpha, brg. 205D, on n. e. corner, n. coping, culv	827.22
W. of Alpha, brg. 206, on n. e. corner, e. abutment	827.34
W. of Alpha, brg. 206B, on n. e. wing wall, culvert	860.38
W. of Alpha, brg. 207, on n. e. wing wall	885.40
E. of Clement, brg. 208, on n. e. corner n. coping	897.34
E. of Clement, brg. 209A, on n. coping, culvert	924.61
E. of Clement, brg. 210, on n. e. corner, e. abutment	900.86
E. of Clement, brg. 211, on e. bridge seat	887.71
E. of Clement; brg. 212, on e. bridge seat	869.01
Dayton, Livingston Ave. brg., on n. end e. abutment	824.46
Dayton, brg. 214, on n. e. corner e. abutment	787.56
Dayton, brg. 216, on e. bridge seat	744.97
Dayton, brg. 219, head of bolt, top of back wall, n. end e. abut	747.08
W. of Dayton, brg. 220, on n. e. wing wall	742.11
W. of Miami City, brg. 221, on e. bridge seat	744.00
W. of Miami City, brg. 221C, on e. abutment	760.84
E. of Stillwater Jct., brg. 222, on e. bridge seat	768.03
W. of Stillwater Jct., brg. 225, on e. bridge seat	788.50
W. of Stillwater Jct., brg. 225A, on n. e. cor., n. coping	815.52
W. of Trotwood, brg. 226C, on n. e. corner, n. coping	911.19
W. of Trotwood, brg. 226G, on n. e. corner, culvert	925.08

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E. of Brookville, brg. 227B, on n. e. corner, n. coping	993.22
E. of Brookville, brg. 227C, on n. e. corner, n. coping	1004.35
W. of Brookville, brg. 228B, on n. e. corner, culvert	1016.35
W. of Brookville, water tank, cut square on stone on foundation	1022.10
E. of Dodson, brg. 231, on e. bridge seat	1033.02
E. of Dodson, 231B, on n. e. corner, n. coping	1046.66
W. of Dodson, brg. 231E, on n. e. corner, n. coping, culv	1046.36
W. of Dodson, brg. 234, on n. e. corner, n. coping	1046.15
W. of Dodson, brg. 235, on n. e. corner, n. coping, culvert	1040.14
E. of W. Sonora, brg. 235A, on n. e. corner, n. coping	1031.84
E. of W. Sonora, brg. 236, on n. e. corner, n. coping	1005.66
E. of W. Sonora, brg. 239, on n. e. corner, n. coping	987.23
E. of W. Sonora, brg. 241, on n. e. corner, s. pier	1036.69
E. of Hood, brg. 243, on n. w. corner, e. bridge seat	1047.23
E. of Eldorado, brg. 244C, on n. e. corner, n. coping, culv	1124.92
E. of Eldorado, brg. 244D, on n. e. corner, n. coping, culvert	1132.00
W. of Eldorado, brg. 245C, on n. e. corner, n. coping, culvert	1154.44
W. of Eldorado, brg. 245H, on n. e. corner, of n. coping, culvert	1158.03
W. of Eldorado, brg. 247B, on n. w. corner, e. abutment	1119.19
E. of New Paris, brg. 249C, on coping, n. side track	1080.73
E. of New Paris, brg. 250C, on n. side culvert	1038.27
E. of New Paris, brg. 251A, on n. side culvert	1033.55
E. of New Paris, brg. 252, on e. ballast wall	1023.92

Indianapolis Division

Columbus via Urbana, Covington and Greenville to New Paris	*Feet*
Columbus, High St. viaduct, on s. w. cor. found. course, s. pier	736.59
W. of Columbus, brg. 1, on n. e. corner e. bridge seat	716.35
E. of Grandview, brg. 1A, on center n. coping, culvert	714.40
E. of Marble Cliff, brg. 2, on n. e. corner, e. bridge seat	757.01
W. of Marble Cliff, brg. 3, on top e. back wall	758.54
W. of Mounds, brg. 4, on n. e. wing wall	805.61
W. of Mounds, brg. 5, on n. e. corner, e. bridge seat	810.13
W. of Mounds. brg. 5B, on center n. coping, arch culvert	847.07
E. of Hilliards, on top steel rail n. of track	910.63
E. of Plain City, milepost 15, on top steel rail n. of track	940.66
E. of Plain City, brg. 9, on n. e. corner e. bridge seat	918.75
W. of Plain City, milepost 19, on top steel rail n. of track	932.07
W. of Unionsville, milepost 23, on top steel rail n. of track	971.38
W. of Unionsville, brg. 15, on n. e. corner e. bridge seat	968.40
E. of Milford Center, milepost 25, on top steel rail n. of track	975.72
E. of Woodstock, on top steel rail n. of track	1016.48

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W. of Woodstock, brg. 18C, on n. e. wing wall of culvert	1050.47
Fountain Park, on top steel rail, e. platform	1111.95
W. of Brush Lake, brg. 20, on top n. e. wing wall	1150.47
E. of Cable, on top steel rail n. of track	1162.58
W. of Cable, on top steel rail n. of track	1159.28
W. of Cable, brg. 25, on n. w. corner e. bridge seat	1155.77
W. of Cable, milepost 39, on top steel rail n. of track	1161.86
W. of Cable, brg. 26A, on center n. coping arch culvert	1161.57
Hagenbaugh's, opposite milepost 42, top of monument	1141.35
W. of Hagenbaugh's, brg. 27, on n. w. corner n. e. parapet	1123.19
W. of Hagenbaugh's, brg. 28, on center n. coping	1100.07
E. of Urbana, on top steel rail n. of track	1054.82
E. of Urbana, overhead brg., s. w. corner e. pedestal	1031.00
Urbana, ladies' room, on n. e. corner door sill	1023.35
E. of St. Paris, brg. 41½, on n. side e. bridge seat	1216.42
W. of St. Paris, brg. 41V, on n. e. corner n. coping, culvert	1215.11
W. of St. Paris, brg. 41Z, on n. e. corner n. coping, culvert	1182.58
E. of Conover, brg. 42BB, on n. e. corner n. coping, culvert	1160.85
E. of Conover, brg. 42, on n. w. corner e. bridge seat	1138.88
W. of Conover, brg. 42E, on n. e. corner n. coping, culvert	1118.34
E. of Fletcher, brg. 42H, on n. e. corner n. coping, culvert	1085.26
E. of Fletcher, brg. 43, on n. e. corner n. coping	1066.16
W. of Fletcher, brg. 44, on n. e. corner e. coping	1016.31
W. of Fletcher, brg. 45, on n. e. corner n. coping	982.32
W. of Fletcher, brg. 46A, on n. e. corner n. culvert coping	978.96
E. of Summit, top of steel rail n. of track	968.94
E. of Summit, top of steel rail n. of track	961.04
E. of Covington, on n. e. coping Wall St	934.299
Covington, High St. arch, on n. e. corner platform on coping	931.649
W. of Covington, brg. 54, on n. e. coping	918.884
E. of Bradford Jct., top of steel rail n. of tracks	993.216
Bradford Jct., top of steel rail n. of tracks	988.883
E. of Gettysburg, top of steel rail n. of track	999.39
W. of Gettysburg, top of steel rail n. of track	1024.77
E. of Greenville, brg. 59, on n. side e. brg. seat	1014.57
E. of Greenville, brg. 60, center n. coping	1019.05
Greenville, men's waiting room, on s. e. corner door sill	1042.76
W. of Greenville, top of steel rail, n. of track	1034.35
W. of Greenville, top of steel rail n. of track	1012.33
W. of Greenville, top of steel rail, n. of track	1011.78
E. of Weaver's, top of steel rail, n. of track	1028.79
E. of New Madison, brg. 64E, on center n. coping of culvert	1090.72

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E. of New Madison, brg. 65, on n. side e. bridge seat	1090.57
E. of New Madison, top steel rail, n. of track	1093.06
W. of New Madison, top steel rail, n. of track	1087.73
E. of Wiley's, top of steel rail, n. of track	1075.37
E. of Wiley's, top steel rail, n. of track	1084.90
W. of Wiley's, top steel rail, n. of track	1089.64
W. of Wiley's, brg. 77, on n. side e. bridge seat	1070.89
W. of Wiley's, top steel rail, n. of track	1056.97
E. of New Paris, top steel rail, n. of track	1046.56
E. of New Paris, brg. 86, on n. side e. bridge seat	1021.67
E. of New Paris, top steel rail, n. of track	1018.19
New Paris, top steel rail, n. of track	1016.70
W. of New Paris, brg. 92C, on n. side e. bridge seat	997.02

Logansport Division

Bradford (near Covington) to Union City (Lynn Quadrangle)	*Feet*
E. of Horatio, M. P. Col. 88+00′, rail monument between WBM and siding	1006.297
M. P. Col. 88 - 1974′, n. w. cor. 1st square of concrete in sidewalk n. of track	1007.819
W. of Horatio, milepost Col. 89+00′, rail monument	1002.40
Stelvideo, M. P. Col. 89+4648′, n. e. cor. n. coping, 4′x4′ stone box	1007.342
W. of Stelvideo, brg. 403, M. P. Col. 90+4576′, brass B. M, in n. e. cor. n. coping	1006.800
E. of Pikeville, M. P. 91+1600′, n. e. cor. n. coping, undergrade	1010.934
W. of Pikeville, M. P. 92+3800′, n. e. cor. w. coping, 100′ s. of track on public road	1020.066
M. P. 93+00′, iron pin 38′ n. of W. B. track	1028.395
M. P. 93+1620′, brg. 404, brass B. M., n. e. cor. n. coping	1013.988
M. P. 93+2234′, brass B. M., n. end brg. seat, e. abut., Patch +ing undergrade	1008.954
E. of Meeker, M. P. 94+00′, iron monument	1018.206
Meeker, M. P. 95+00′, iron monument	1026.350
W. of Meeker, M. P. 96+00′, rail monument	1037.90
M. P. 96+2729′, brass B. M, n. e. cor. n. coping, 6′ rail top culvert	1031.277
Woodington, brg. 405, M. P. 96+4611′, brass B. M. n. e. cor. n. coping	1031.45
W. of Woodington, M. P. 97+263′, brass B. M., n. end brg. seat, sec. line U. G.	1030.48
M. P. 97+3052′, iron pin near n. fence	1041.670
M. P. 98+00′, rail monument n. side tracks (buried)	1048.601
M. P. 99+00′, rail monument n. side tracks	1060.89
M. P. 99+2652′, iron pin 27′ s. of W. B. M. track	1060.658
M. P. 99+4780′, brg. 406, brass B. M. corner n. coping	1055.93
E. of Union City, M. P. 100+147′, brass B. M. n. end bridge seat, Dogtown +ing	1053.812
M. P. 100+2250′, n. e. corner n. coping, 15″ C. I. P. culvert	1060.744
M. P. 101+1554′, n. e. corner n. coping, 15″ sewer pipe	1072.246
M. P. 101+2940′, brg. seat, Amspaugh undergrade	1075.90

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M. P. 101+4654′, iron monument..... 1077.60
M. P. 102+2357′, bridge seat, D. & M. Trac. Co. undergrade..... 1086.17
M. P. 102+2440′, bridge seat, U. C. W. & M. Trac. Co. undergrade..... 1093.201

Richmond Division

Cincinnati via Hamilton and Eaton to State line near Richmond, Ind.

E. of Madisonville, brg. 3, on n. e. cor. w. bridge seat..... 516.19
E. of Madisonville, brg. 4, on n. e. corner w. bridge seat..... 524.98
W. of Madisonville, brg. 5A, on n. e. corner w. bridge seat..... 535.30
W. of Madisonville, brg. 8, on n. side w. bridge seat..... 552.97
E. of McCullough, brg. 11, on center n. coping..... 578.87
E. of McCullough, brg. 14A, on center n. coping..... 616.90
W. of Norwood Heights, brg. 16A, on n. e. corner..... 640.35
W. of Norwood Heights, brg. 18, on n. side of w. brg. seat..... 591.80
E. of Reading, brg. 20, on center n. coping..... 575.80
E. of Reading, brg. 23, on center n. coping..... 566.57
E. of Reading, brg. 23G, on n. side w. brg. seat..... 572.75
W. of Reading, brg. 26, on n. side w. brg. seat..... 584.26
E. of Crescentville, brg. 27, on n. side w. bridge seat..... 571.91
E. of Crescentville, brg. 28, on n. e. corner w. bridge seat..... 574.77
E. of Crescentville, brg. 29, on n. e. corner w. bridge seat..... 577.36
E. of Rialto, brg. 30, on n. e. corner w. bridge seat..... 587.57
W. of Port Union, brg. 32, on n. e. corner w. bridge seat..... 594.24
W. of Port Union, brg. 33, on n. side w. bridge seat..... 601.39
W. of Flockton, brg. 34, on n. e. corner w. bridge seat..... 603.80
W. of Flockton, brg. 35A, on n. e. corner w. bridge seat..... 611.31
E. of Hamilton, brg. 36, on n. side w. bridge seat..... 605.39
E. of Seven Mile, brg. 41, on n. w. corner e. bridge seat..... 624.72
W. of Collinsville, brg. 45, on n. e. cor. bottom step, n. w. wing wall..... 696.43
E. of Somerville, brg. 45B, on s. e. corner w. bridge seat..... 728.92
E. of Somerville, brg. 49, on s. w. corner e. bridge seat..... 754.06
W. of Somerville, brg. 55, on n. w. corner e. bridge seat..... 791.14
W. of Camden, brg. 59, on n. e. corner w. bridge seat..... 834.21
W. of Camden, M. P. 50, top of rail monument..... 842.70
W. of Camden, M. P. 51, top of rail monument..... 865.94
W. of Camden, M. P. 52, top of rail monument..... 894.73
W. of Camden, brg. 65, on n. w. corner e. brg. seat..... 900.74
W. of Camden, brg. 66, on n. e. corner w. bridge seat..... 910.50
W. of Camden, M. P. 53, top of rail monument..... 911.22
E. of Eaton, M. P. 56, top of rail monument..... 987.21
E. of Eaton, M. P. 57, top of rail monument..... 1011.15
E. of Eaton, M. P. 58, top of rail monument..... 1035.31

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E. of Eaton, Women's waiting room, n. w. cor. door step	1045.69
W. of Eaton, M. P. 59, top of rail monument	1043.97
W. of Eaton, M. P. 60, top of rail monument	1077.10
E. of New Hope, M. P. 61, top of rail monument	1101.08
E. of New Hope, M. P. 62, top of rail monument	1120.93
E. of New Hope, M. P. 63, top of rail monument	1160.34
W. of New Hope, M. P. 64, top of rail monument	1182.91
E. of Campbellstown, M. P. 65, top of rail monument	1190.71
W. of Campbellstown, M. P. 66, top of rail monument	1173.95
W. of Campbellstown, M. P. 67, top of rail monument	1139.90
W. of Campbellstown, M. P. 68, top of rail monument	1106.86

C. L. & N. Division

Cincinnati via Lebanon to Dayton	*Feet*
Cincinnati, turntable, on masonry, side toward track	556.174
W. of Oak St, M. P. 55, on iron rail	698.786
W. of Avondale, M. P. 54, on iron rail	753.127
W. of Idlewild, M. P. 53, on iron pin	677.492
E. of Idlewild, sta. 199+08, on e. end n. coping	685.281
W. of Ivanhoe, M. P. 52, on iron rail	679.096
Norwood Park, M. P. 51, on iron rail	629.17
W. of Lester, brg. 4M, sta. 325+12, on parapet of 24" C. I. P.	642.576
W. of Lester, brg. 5, on n. side e. back wall	643.476
Kennedy, brg. 7, sta. 390+21, on n. e. corner n. coping wall	721.936
W. of Euclid, brg. 7E, sta. 412+28, on coping, n. side 2' arch	761.441
W. of Euclid, M. P. 48, on rail	778.691
E. of Euclid, brg. 7K, sta. 430+27, on n. coping 15" C. I. P	789.881
W. of Silverton, sta. 441+30, on coping 24" C. I. P	803.171
W. of Silverton, sta. 448+12, on n. coping 24" C. I. P	815.396
W. of Deer Park, M. P. 47, on iron rail	856.901
E. of Deer Park, brg. 7Q, sta. 503+14, on n. coping 24" C. I. P	861.986
W. of Rossmoyne, M. P. 46, on iron rail	855.311
W. of Terra Alta, brg. 7U, sta. 570+58, on n. coping, 18" C. I. P	838.186
Terra Alta, brg. 7V, sta. 578+87, on n. coping 12" C. I. P	840.456
E. of Terra Alta, brg. 7W, sta. 592+71, on n. coping 18" tile	842.706
W. of Blue Ash, brg. 7X, sta. 599+02, on n. parapet 4' C. I. P	857.976
E. of Blue Ash, brg. 7Z, sta. 631+, on 5' culvert	849.931
E. of Blue Ash, brg. 7BB, sta. 641+45, on n. coping, 24" C. I. P	846.181
E. of Blue Ash, brg. 7CC, sta. 649+73, on n. parapet rail girder box	836.091
E. of Blue Ash, brg. 7DD, sta. 662+33, on n. parapet 2' tile	818.241
W. of Winslow Park, brg. 8A, sta. 699+21, on n. parapet 2' tile	832.011
Winslow Park, brg. 8B, sta. 713+57, on n. parapet 18" tile	832.066

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W. of Hazelwood, brg. 8F, sta. 745+34, on n. parapet 5′ arch	827.906
W. of Hazelwood, sta. 754+37, on n. parapet 18″ C. I. P	829.801
W. of Hazelwood, brg. 9, on e. end n. abutment back wall	832.725
E. of Hazelwood, brg. 10, on n. end e. abutment	837.981
E. of Hazelwood, brg. 10A, sta. 785+45, on n. parapet 18″ C. I. P	856.481
W. of Brecon, brg. 10C, sta. 802+56.5, on n. parapet 18″ C. I. P	864.071
W. of Brecon, brg. 10D, sta. 811+11, on n. parapet 18″ tile	865.871
E. of Brecon, brg. 10½, on n. end e. abutment	858.261
E. of Brecon, brg. 10F, sta. 880+15, on parapet 24″ tile	888.346
W. of Miltomson, brg. 10G, sta. 894+20, on n. parapet 18″ C. I. P	895.521
W. of Miltomson, brg. 10H, sta. 913+53, on n. parapet 24″ tile	906.966
W. of Miltomson, brg. 101, sta. 924+85, on parapet 18″ C. I. P	932.21
Miltomson, brg. 10L, sta. 963+08, on n. parapet 16″ C. I. P	924.146
E. of Miltomson, brg. 10Q, sta. 1047+39, on n. parapet 24″ tile	858.891
W. of Mason, brg. 12B, sta. 1086+97, on n. parapet 30″ C. I. P	819.986
E. of Mason, brg. 15, on n. back wall, e. abut. of subway	794.461
W. of Stokes, brg. 15B, sta. 1188+, on n. wall, 5′ arch	762.536
W. of Stokes, sta. 1199+07, on n. parapet 24″ tile	763.126
W. of Hageman, brg. 15H, sta. 1303+30, on s. parapet, 2′ box	672.121
Hageman, brg. 15½, on n. end e. backwall of subway	676.151
E. of Hageman, brg. 15J, sta. 1329+93.5, on parapet 24″ tile	676.821
W. of Turtle Creek, brg. 16B, sta. 1383+12, on n. side 4′ arch	655.711
W. of Turtle Creek, on w. end retaining wall	661.271
Turtle Creek, brg. 16D, sta. 1411+83, on n. parapet 4′box	659.641
E. of Turtle Creek, brg. 16F, sta. 1420+63, on n. parapet, 6′ drain	670.941
W. of Lebanon, brg. 17E, sta. 1495+28, on n. e. cor. 4′ stone box	682.571
W. of Lebanon, brg. 17G, n. e. corner n. headwall, 24″ C. I. P	682.61
W. of Lebanon, brg. 18, s. w. corner w. abutment	682.21
W. of Lebanon, brg. 19, n. end e. abutment	695.73
W. of Lebanon; brg. 20, s. end of backwall, w. abutment	700.22
E. of Lebanon, Oregonia Bridge Co., s. e. cor. main bldg., top of water table	758.50
E. of Lebanon, n. e. cor. 6′ St. arch, e. of Oregonia Bridge Co.'s side track	771.41
E. of Lebanon, brg. 21, s. end of w. abutment	848.95
W. of Dodds, Frazier's Crossing, on wing wall of rd. brg., s. of tracks	955.71
W. of Dodds, sta. 1841+46, s. w. corner stone box	960.35
M. P. Dayton 20, top of head of rail monument	961.74
M. P. Dayton 19, top of head of rail monument	953.02
M. P. Dayton 18, top of head of rail monument	936.87
M. P. Dayton 17, top of head of rail monument	981.72
M. P. Dayton 16, top of head of rail monument	1029.47
M. P. Dayton 15, top of head of rail monument	1016.09
M. P. Dayton 14, top of head of rail monument	997.81

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M. P. Dayton 13, top of head of rail monument	966.25
M. P. Dayton 12, top of head of rail monument	958.51
M. P. Dayton 11, top of head of rail mouument	957.59
M. P. Dayton, 10, top of head of rail monument	929.52
M. P. Dayton 9, top of head of rail monument	954 85
M. P. Dayton 8, top of head of rail monument	992.68
M. P. Dayton 7, top of head of rail monument	970.93
M. P. Dayton 6, top of head of rail monument	980.76
M. P. Dayton 5, top of head of rail monument	940.97
W. of Dayton, brg. 26, n. end of brg. seat, e. abut	841.88
W. of Dayton, brg. 30, s. end of brg. seat, e. abut	750.30

Middletown Branch

Mason Quadrangle	*Feet*
E. of Boyer, brg. 9, on s. side w. end wall	631.79
W. of Boyer, M. P. 12+4117, on s. parapet tile pipe	654.025
Hageman, on s. parapet, 8″ sewer pipe (main line 667.66)	667.60
W. of Hageman, at M. P. 11, on s. parapet, 18″ tile pipe	658.57
E. of Glenwood, brg. 8, on s. side w. abutment	658.69
E. of Glenwood, brg. 7, on w. backwall	661.47
E. of Glenwood, brg. 6, on n. end w. abutment	663.23
W. of Glenwood, brg. 5, on n. e. corner w. abutment	665.36
W. of Oakland, brg. 4, on n. w. corner w. abutment	652.28
W. of Oakland, brg. 3, on n. w. corner w. abutment	652.395
W. of Oakland, brg. 2, on n. w. corner w. abutment	652.11
Middletown, brg. over canal, on n. end n. wing wall, e. abutment	648.355

Northwest System

R. Trimble, Chief Engineer M. of W.

The government lines of levels given in Part III, cover practically all of the mileage of the Northwest System except the portions of the two divisions following. These elevations are not closely connected with and adjusted to the United States standard, but since they lie in localities not otherwise covered, they are given for future use.

Cleveland & Pittsburgh Division

Ravenna to Cleveland

Ravenna, Diamond St., 60 ft. to left of, (P. & W. Datum 1088.85)	1082.45
Hudson, S. Main St., s. e. wing wall of brg. 10½	1065.84
Center rail post M. P. R98	1061.24
Hudson, Brown St., s. e. wing wall of brg. 10	1058.75
Brandywine Creek, s. e. wing wall, s. e. corner of brg. 9	1037.07
Center rail post M. P. R99	1046.84

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Mile Post R99, 1589 ft. w. of, s. e. cor. of s. culvert abut	1047.71
M. P. R100, center rail post	1040.63
M. P. R101, top of center rail post	1031.69
M. P. R102, 1637 ft. e. of, s. e. cor. of s. coping of culvert	1007.56
Twinsburg-Northfield Twp. post, 961 ft. e. of M. P. R102	1015.61
M. P. R102, e. rail post	1008.10
M. P. R102, 357 ft. w. of, s. w. cor. of e. abutment, cattle pass	1001.51
M. P. R102, 2012 ft. w. of, s. side of culvert abutment, s. e. corner	992.48
Signal brg. No. 1030, s. side of foundation	988.48
M. P. R103, center rail post	989.03
M. P. R103, 799 ft. w. of, s. e. corner, s. side of culvert	987.53
Curve post No. 137	998.84
Indian Creek, e. end of center panel of bridge No. 8	1000.62
M. P. R104, e. rail post	1008.03
M. P. R104, 295 ft. w. of, s. signal post foundation	1009.32
M. P. R105, center rail post	1033.93
Mean's Crossing, s. side, s. e. corner of concrete abut. of brg. 7½	1038.00
M. P. R106, center rail post	1040.85
Sig. Post No. 1061, right side of, n. e. corner concrete foundation	1040.25
M. P. R107, center rail post	1014.61
M. P. R107, 2541 ft. w. of, e. corner, s. side of culvert	998.39
M. P. R107, 3358 ft. w. of s. e. corner of s. side of culvert	993.79
M. P. R109, ¼ mi. e. of, s. e. stone of abut. of overhead bridge	964.03
M. P. R109, middle rail post	951.28
Bedford, top of center panel of bridge 6½	947 66
Bedford, top of center panel of bridge 6¼	937.23
M. P. R110, center rail post	934.18
M. P. R112, top of west rail post	890.86
M. P. R113, top of w. rail post	853.96
Bedford Yard, n. w. corner of wing wall, bridge 3	838.05
Bedford Yard, corner of e. wing wall of bridge 2	802.46
Bedford Yard, n. w. corner of e. abutment, bridge 1	796.05

P. Y. & A. Division

Warren to Ashtabula

Warren, s. e. cor. 3rd course, e. wing of abut., B. & O. overhead bridge e. of M. P. P80	865.520
Warren, s. w. cor. of Market St. arch over Red Run, square cut	874.126
Red Run, s. e. cor. w. abut. of bridge 44	878.683
Red Run, s. w. corner of e. abut. of bridge 44	882.549
M. P. 82, center rail holder	910.777
M. P. P83, 1666 ft. w. of, s. e. cor. of w. abut. of cattleway	913.523

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Young's Run, s. e. corner of s. parapet bridge 45	928.506
M. P. P85, 899 ft. e. of, s. w. corner s. coping of cattleway	929.266
Champion, revised elev. spike in tel. pole oppos. Block Office	932.686
M. P. 86, top of center rail post	932.256
M. P. 87, top of center rail post	930.404
M. P. 88, top of center rail post	932.229
M. P. P88, 1822 ft. w. of, n. e. cor. of top of shelf brace of milk platform	939.402
M. P. 89, top of center rail post	936.359
M. P. 90, 1516 ft. e. of, s. w. cor. of coping, w. end of cattleway	930.241
M. P. 90, top of center rail post	934.107
Bristolville station, s. w. corner of platform, top of curb	927.515
M. P. 92, top of center rail post	924.203
Oakfield, station platform, n. e. corner	914.105
M. P. 93, 271 ft. e. of, s. e. corner of water tank foundation	900.596
M. P. 93, center rail post	903.029
M. P. 94, center rail post	901.294
M. P. 95, center rail post	902.164
M. P. 96, 1830 ft. e. of, s. w. cor. coping on w. end stone box culvert	899.102
Lockwood station, on curb on s. e. corner of platform	906.211
M. P. 97, center rail rest	908.107
M. P. 98, center rail rest	913.012
M. P. 99, center rail rest	925.061
M. P. 100, center rail rest	939.606
M. P. 101, top of south rail rest	939.964
E. Orwell station, about 10 ft. from s. end of platform, mark on curb	937.702
M. P. 102, on rail rest	937.574
M. P. 103, top of center rail rest	927.035
M. P. 104, center rail rest	921.692
New Lyme station, on curb 10 ft. from e. end of platform, square cut	907.681
Rome sta., curb opp. sta. 5615, 2nd joint n. rail from e. end of platform, sq. cut	891.098
M. P. 107, center rail rest	876.917
M. P. 108, center rail rest	866.936
M. P. 109, center rail rest	861.997
Rock Creek, near s. w. cor. of e. back wall of brg. 48, square cut	853.108
Rock Creek station, about 15 ft. from end curb of brick platform, sq. cut	847.845
M. P. 110, 2122 ft. w. of, s. e. cor. coping of stone box culv., square cut	933.966
Harvey's Creek, s. e. cor. of s. coping of brg. 50, square cut	826.800
Harrington's Run, n. w. corner of e. back wall of brg. 51	822.412
M. P. 112, top of center rail rest	821.231
M. P. 112, 1890 ft. w. of, n. w. cor. e. back wall culvert	819.904
M. P. 113, center rail rest	814.076
Stone's Creek, n. e. cor. of e. back wall of brg. 53	806.116

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Eagleville sta., s. w. cor. of concrete coping of platform	798.151
Mill Creek, n. w. cor. of e. back wall of brg. 54	795.482
M. P. 114, 622 ft. w. of, top of center of arch, n. side of brg. 55	797.546
M. P. 115, top of center of rail rest	830.121
M. P. 116, top of	822.783
Bridge No. 56, s. e. cor. of bridge seat, n. abutment	808.178
Bridge No. 57, n. w. cor. of bridge seat, s. abutment	812.903
Austinburg, stone sill on track side of brick block	817.224
M. P. 118-25′, stump on s. side of right of way	807.800
M. P. 119, about 900 ft. e. of, near sta. 6296, in maple stump 10′ n. of right of way, spike	828.800
Bridge No. 64, n. w. corner of bridge seat, s. abutment	875.042
M. P. 123, top	767.810
U. S. G. S. B. M., bridge 66, e. abutment, s. w. cor. of bridge seat	725.500
M. P. 124, top	713.480
M. P. 125, about 2070′ e. of, in tel. pole near sta. 6591, lag screw	694.120
Ashtabula station, about 10 ft. from w. end of stone curb of platform	687.493
West St. Yard Office, n. side, in n. w. cor. cement walk, square cut	645.162
Lake St., on n. w. cor. 1st step of w. wing of s. abut. to overhead brg., sq. cut	620.784
Scale House, at n. w. cor., in tel. pole, end of R. R. spike	587.747
S. W. cor. of concrete box around penstock, square cut	580.814
N. W. cor. coal hoist on concrete foundation	581.077

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APPENDIX B

True Meridians and True Bearings

Observed by

U. S. Coast and Geodetic Survey

Arranged by Counties

Note: These observations were made by officers of the U. S. Coast and Geodetic Survey in prosecuting a magnetic survey of the United States, and are reprinted from the reports of the Division of Terrestial Magnetism of that Survey. Observations were made in every county in the State, excepting Meigs, by the foregoing officials.

It should be remembered that in Part I all azimuths are referred to true meridian. Also, in running primary traverse lines many azimuths, referred to true meridian, were measured; fifty-seven of these in all, on 34 different quadrangles, have been printed in italics in Part II for easy reference.

The U. S. Geological Survey officials have established true meridians at ten county seats; these are described in Part II, in the notes for the Bowling Green, Canton, Delaware, Findlay, Kenton, Milford Center, Mt. Sterling, St. Clairsville, Upper Sandusky, and Wooster quadrangles.

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True Meridians and True Bearings

Adams; *West Union*, 1903—I. O. O. F. Cemetery, on w. edge of circular reserve, 28.5 ft. w. of maple tree, 16.7 ft. e. from s. e. cor. stone of F. C. S. lot, 43.2 ft. s. of s. w. cor. of base of Ensign Campbell's monument. 2 marble monuments, one set directly over the other, each 18 by 6 by 6 in., top of upper stone 1 in. above ground, lettered U. S. C. & G. S. 1903, from which true bearing to spire of Methodist Church ¾ mi. dist.=75° 53′.8 w. of true s.; to court-house tower= 74° 19′.6 w. of true s.; to cen. tower of grand stand at fair grounds=71° 02′.1 w. of true n.

Allen; *Lima*, 1903—3½ mi. e. of, Infirmary Grounds, in line with e. wall of blg., 246.8 ft. s. from fence on s. side of pike to, between bldg. and sta.; limestone 36 by 6 by 6 in. projecting 3 in. above ground, lettered on top U. S. C. & G. S., 1903, from which true bearing to ventilator tip on Geo. Fetter's barn, about ½ mi. dist.=86° 02′.7 e. of true s.

Ashland; *Ashland*, 1900—county Infirmary grounds, in s. w. cor. of pasture w. of infirmary blg., 126 ft. from w. fence, 71.5 ft. from s. fence; + in cen. of small marble block 3 ft. 2 in. long, 6 in. square on top, lettered U. S. C. & G. S. from which true bearing to western edge of w. chimney on house nearly s.=7° 59′.1 e. of true s.; to s. edge of s. chimney on infirmary=79° 04′.8 e. of true n.

Ashtabula; *Jefferson*, 1900—s. w. cor. of high-school grounds, 96 ft. n. of board walk at s edge of grounds, 46.5 ft. from edge of w. road; + in cen. of sandstone block 3 ft. 2 in. long, 6.2 by 6.6 in. on top, lettered U. S. C. & G. S., similar block of sandstone placed 45.5 ft. from edge of rd. w. of grounds, 167.8 ft. from edge of board walk at n. side of grounds, 403.8 ft. true n. of sta. from which true bearing to a chimney= 29° 48′.4 e. of true s.

Athens; *Athens*, 1905—Ohio University grounds, 149.7 ft., and 134.4 ft., respectively, from s. e. and s. w. cors. of Engineering Hall, 166.1 ft. from s. e. cor. of main blg., 96 ft. from edge of curb on n. side of Mulberry St.; sandstone post with copper sta. mark lettered U. S. C. & G. S. from which cupola on e. wing of Insane Asylum (mark) bears 46° 08′.2 w. of s.

Auglaize; *Wapakoneta*, 1904—about 2½ mi. n. of, Infirmary field, w. side of 2-mi. pike, limestone 36 by 6 by 6 in. projecting above ground near hedge on s. side of field, 126 ft. from osage-orange hedge along e. side of field; exact point is in open field 47.2 ft. a little w. of n. of cen. of stone and exactly in line with stone and tower of court-house which bears 16° 28.′7 e. of true s.; to cen. of schoolhouse chimney about 1 3 mi. n.=4° 59′.9 e. of true n.

Belmont; *St. Clairsville*, 1905—county fair grounds, meridian line 435 ft. long established by U. S. G. S. within oval race track; n. monument is 12 by 16 in., about 24 in. above ground, with copper B. M. in top from which s. monument (mark) bears 0° 00′ .0; to judge's stand, n. w. cor.=50° 50′.2 w. of s.; to gable on flat-roofed house to n.=3° 56′.6 w. of n.

Brown: *Georgetown*, 1903—e. side of fair grounds, 66 ft. e. of fence about circular display grounds, 53 ft. n. e. of beech tree, 38 ft. s. e. of second tree; marble monument 18 by 6 by 6 in. set flush with ground and lettered U. S. C. & G. S. 1903, from which true bearing to cen. of dome of court-house=52° 09′.7 e. of true n.; to spire of Presbyterian Church=75° 44′.0 e. of true n.; to tower on schoolh.=12° 32′.0 e. of true n.

Butler; *Hamilton*, 1903—Infirmary grounds, on lawn about 300 ft. s. w. of s. w. cor. of main bldg., 75 ft. from fence cor. to n. w., 75 ft. from ave. to infirmary, 95 ft. from county rd; limestone 3 ft. long by 6 in. square at top, 1 in. above ground, lettered U. S. C. & G. S. from which true bearing to St. Joseph Catholic Church, 1 mi. dist.=85° 16′.3 w. of true s.; to courthouse tower=68° 49′.4 w. of true n.; to Fourth Ward schoolh. tower=87° 43′.7 w. of true n.

Oxford, 1903—s. w. cor. of grounds of Western College for Women, about 1200 ft. w. of main blg., 1000 ft. n. of cemetery, 50.4 ft. n. e. of tree, 115.7 ft. s. e. of tree; limestone 3 ft. long by 6 in. square at top, 1¼ in. above ground, lettered U. S. C. & G. S. 1903, from which true bearing to public school tower 1 mi. dist.,=62° 00′.2 w. of true n.; to vane on Western College tower=79° 07′.9 e. of true n.; to flag pole on e. tower of Miami University=32° 18′.2 w. of true n.

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Carroll: *Carrollton*, 1904—within race track at county fair grounds, cen. of oblong, 93 ft. from n. end of inclosure; ½in. hole, ½in. deep in cen. of sandstone post 8 by 9 by 32 in. set 28 in. in ground, lettered U. S. C. & G. S., 1904, from which true bearing to head of statue on courthouse tower (mark)=18° 44′.8 w. of s.; to roof of judge's stand (apex)=26° 29′.5 w. of s.

Champaign: *Urbana*, 1903—Oakdale Cemetery, sec. 68, at s. junc. of 5-ft. alley with 1st 15-ft. driveway s. of and parallel to Stone Ave., in alley between lots 94 and 95, 12.5 ft. from maple tree s. w., 3 ft. from w. cor. stake of alley, 45.6 ft. from s. e. cor. of base of Whetsel monument, 37.6 ft. from s. e. cor. of base of Mumford monument, 36.4 ft. from s. w. cor. of base of Rawlings monument; limestone 3 ft. long by 6 in. square at top, set flush with surface, lettered U. S. C. & G. S. 1903, from which true bearing to tall brick chimney of Urbana Woolen Mills, 2 mi. dist.=74° 30′.5 w. of true n.; to s. w. edge of Young monument=41° 21′.2 e. of true s.

Clark: *Springfield*, 1903—I. O. O. F. Home grounds, on high point about 500 ft. s. e. of main blg; limestone 3 ft. long by 6 in. square at top, flush with ground, lettered U. S. C. & G. S. 1903, from which true bearing to dist. church steeple=2° 34′.7 e. of true s.; to St. Raphael's Catholic Church steeple=19° 22′.5 w. of true s.; to spire of I. O. O. F. Home=43° 19′.9 w. of true n.

Clermont: *Batavia*, 1903—n. w. cor. of old part of Cemetery, 50 ft. e. of w. fence of cem., 35 ft. n. of cen. of driveway, 10 ft. from fir tree, 21 ft. w. of sec. fir tree; 2 marble monuments, one set directly over other, each 18 by 6 by 6 in., top of upper stone is 3 in. above ground, lettered U. S. C. & G. S. 1903, from which true bearing to spire of Methodist Church 1 mi. dist.=71° 33′.8 w. of true s.; to City Hall tower=54° 02′.1 w. of true s.; to spire of court house=66° 42′.6 w. of true s.

Clinton: *Wilmington*, 1903—s. w. part of Wilmington College grounds, s. e. cor. of grassy field used as athletic field, 300 ft. a little s. of s. w. from s. w. cor. of main blg., 63 ft. from elm tree which bears SSW., 32.6 ft. from small maple which bears s. e. by s., 36.5 ft. from 2nd small maple tree which bears e. by s., 83.5 ft. from oak which bears e. by s.; limestone 3 ft. long by 6 in. square at top, flush with ground; lettered U S. C. & G. S. 1903, from which true bearing to tower of town-hall, 1 mi. dist.=71° 41′.3 w. of true n.; to spire of electric light tower=77° 18′.4 w. of true n.; to flag pole on Wilmington College tower=20° 47′.9 e. of true n.

Columbiana: *Lisbon*, 1904—s. w. part of cemetery, 41.2 ft. from 12-in. ash tree bearing 75° w. of n., 57.9 ft. from 8-in. maple tree bearing 45° e. of s., 57 ft. from cen. of rd. e., 48.6 ft. from cen. of rd. s.; sandstone post 6 by 6 by 30 in., set 29 in. in ground, lettered U. S. C. & G. S. 1904, from which true bearing to n. gable Harry Shock's house =31° 16′.2 e. of s.; a 2nd stone similarly lettered, was set 450.5 ft. n. of 1st. stone, marking meridian line.

Coshocton: *Coshocton*, 1904—Coshocton High school grounds, nearly n. of central part of bldg., 137.2 ft., 132.8 ft., and 66.2 ft., respectively, from n. w. and n. e. cors. of blg. and from edge of brick walk on w. side of Eighth St.; marble post 6 by 6 by 32 in., 31 in. in ground, lettered U. S. C. & G. S. 1904, ½-in. hole in cen. from which true bearing to Catholic Church spire (mark) = 19° 21′.4 e. of s.; to First Baptist Church spire=70° 11′.5 w. of s.; to courthouse flagstaff=76° 18′.7 w. of s.

Crawford: *Bucyrus*, 1904—s. w. quar. of city cemetery, over s. monument of county meridian line; meridian line was tested and found correct; marble stone 12 by 12 in., about 3 ft. high, pyramidal on top, copper bolt in cen.; n. stone also marble and same size, about 5 ft. high, with adjustable copper plate on s. face.

Cuyahoga: *Berea*, 1903—Woodlawn Cemetery, sec. 3, intersec. of 2 paths between lots 19, 55, and 21; sandstone 36 by 6 by 6 in. set a little below surface of ground, lettered on top U. S. C. & G. S., 1903, from which true bearing to n. edge of large central chimney on Lovejoy house, 1 mi. e.=69° 56′.9 e. of true s.; to w. edge of chimney on cem. sexton's house=35° 49′.6 w. of true s.

Cleveland, 1907—Woodland Hill Park, about central part, 5½ mi. s. e. of cen. of town, n. of pavilion or shelter and near s. edge of shallow ravine, 115.6 ft. n. w. of n. w. cor. of row of fence posts around athletic field, 172.8 ft. n. of n. w. cor. of steps around pavilion; sandstone post 8 by 8 by 30 in., set 6 in. above ground, lettered U. S. C. & G. S., 1907, from which true bearing to base of lamp post at e. end upper fence of reservoir (mark)=37° 10′.8 e. of s.; to s. edge of tallest smokestack in Newburg

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=82° 42′.1 w. of s.; to southern of 2 tall church steeples close together=82° 03′.4 w. of n.; to northern of above steeples=81° 59′.5 w. of n.

Darke: *Greenville*, 1903—County Children's Home farm, in 6-acre pasture, 350 ft s. of main blg., 600 ft. n. of dist. school No. 6, 192.6 ft. from fence to n., 202.9 ft. from w. fence, about 300 ft. from e. fence along Greenville and Beamtown pike; limestone 36 by 6 by 6 in., flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to spire of St. John's Lutheran Church, about 2 mi. dist.,=72° 27′.3 e. of true s.

Defiance: *Defiance*, 1903—Defiance College campus near n. boundary, about 400 ft. n. e. of college blg., e. side of proposed football grounds, 132 ft. from cen. of st. to n., 27.8 ft. from hickory; marble post 38 by 6 by 6 inches, 3 in. above ground, lettered U. S. C. & G. S., 1903, from which true bearing to w. gable of Defiance College=56° 51′.0 w. of true s.

Delaware: *Delaware*, 1903—Infirmary farm, 5 mi. e. of town, small park and orchard in front of blg., about halfway between pond and fence along Delaware pike, 47.7 ft. from s. fence, 151 ft. from w. fence; sandstone 36 by 6 by 6 inches, 3 in. above ground, lettered on top U. S. C. & G. S., 1903, from which true bearing to e. edge of large w. chimney on infirmary=4° 51′.8 e. of true n.

Erie; *Kelleys Island*, 1904—near s. w. cor. of cem., 36.8 ft. from w. line, 89.6 ft. from s. line, at ing of 2 paths; sandstone 18 by 12 by 4 inches, set 3 in. below surface, marked on top with +, from which true bearing to e. edge of e. chimney on schoolh. =1° 46′.6 w. of true s.; to e. edge of chimney on Brown house=3° 12′.1 w. of true n

Sandusky, 1903—Cedar Point, near lighthouse, about 3 mi. n. of town on n. w. end of long, narrow peninsula, on high, sandy ridge about 100 ft. n. w. of lighthouse, 26 ft. s. e. of large cottonwood tree, about 30 ft. from shore line; sandstone 36 by 6 by 6 in., nearly flush with ground, lettered on top U. S. C. & G. S. 1903, from which true bearing to tall, slender church spire in Sandusky=22° 50′.9 w. of true s.; to Marblehead Lighthouse=15° 47′.7 w. of true n.

Fairfield; *Lancaster*, 1903—3 mi. w. of town in Lancaster Camp Grounds, southeastern part between cottages and e. fence, 83.2 ft. from e. fence, 9.5 ft. s. of e. from hard maple; 36.3 ft. e. of n. from second hard maple; Bedford limestone post 34 by 6 by 5 in., lettered U. S. C. & G. S., 1903, projecting 1 in. above ground, from which true bearing to spire of German Lutheran Church=67° 52′.0 e. of true s.; to city hall spire=62° 42′.0 e. of true s.

Fayette: *Washington C. H.*, 1900—county Infirmary grounds about 2½ mi. e. of court-house, observations made over s. meridian stone of county official meridian, established by Mr. Wm. M. Davis in 1869, which is 8 by 8 in. on top and extends 14 in. above ground, from which true bearing to large stone n. meridian mark also in infirmary grounds=0° 01′.9 w. of true n.

Franklin; *Columbus*, 1909—Ohio State University campus, 150 ft. n. of Physics blg., marked by stone post in 1891 from which true bearing to spire on house (mark)= 16° 24′.1 w. of s.; to flag pole on main blg.=59° 08′.1 w. of n.; to flag pole on round tower of brick blg.=32° 15′.7 e. of n.

Fulton; *Wauseon*, 1903—county Infirmary grounds 4 mi. n. of town, 300 ft. e. of blg., in line with s. wall e. (rear) extension, also in line with w. fence around cem., 151.2 ft. from n. w. cor. of cem., 234 ft. from cen. of e. and w. pike; marble post 26 by 6 by 6 in., flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to n. gable of J. Jones' barn=4° 35′.8 w. of true s.; to cen. of + in round window in e. gable of infirmary=88° 08′.0 w. of true n.

Gallia; *Gallipolis*, 1904—High School Academy grounds, 120.1 ft. from w. cor. of blg., 135 ft. from s. cor., 55 ft. from 30-in. elm bearing 45° e. of n., 94.6 ft. from 16-in. sugar maple bearing 45° e. of s., 19 paces from board fence on s. w.; marble post 22 in. long, flush with ground lettered U. S. C. & G. S., 1904, + in cen. of stone from which true bearing to Presbyterian Church tower spire on n. w. cor. (mark)=73° 16′.2 e. of s.; to Mr. Blanche's house, e. gable= 49° 28′.8 w. of n.; to Academy blg., s. e. cor.=67° 27′.2 e. of n.

Geauga; *Chardon*, 1903—Farm of H. C. Peas, about 1 mi. e. of town, narrow ridge of land in pasture n. e. of small apple orchard on e. side of farm, n. of rd. to Chardon, 71.6 ft. from large bowlder, about 20° e. of s., 55.3 ft. from 2nd large bowlder, about 20° e. of n., 142.5 ft. from n. e. tree of apple orchard; sandstone 28 by 8 by 6 in.,

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lettered U. S. C. & G. S., 1903, 2 in. above ground, from which true bearing to spire of Congregational Church= 88° 53′ .7 w. of true s.; to courthouse spire=84° 43′ .8 w. of true n.

Greene: *Wilberforce*, 1903—Wilberforce University pasture, eastern part, about 400 ft. a little e. of s. e. from Arnett Hall, about 600 ft. n. of barn, limestone 3 ft. long by 6 in. square at top, set flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to tower of Arnett Hall=84° 05′.2 w. of true n.; to spire of Shorter Hall= 50° 12′.9 w. of true n.

Guernsey: *Cambridge*, 1904—Northwood Cemetery, 1 mi. n. of courthouse, on most southern point of sec. 7 of cem. plot, where Summit Ave. drive divides n. e. and n. w.; marble post 25 by 6 by 6 in. set 23 in. in ground, bottom embedded in base of cement, sand, and gravel extending down 1 ft. below stone, lettered U. S. C. & G. S., 1904; a hardwood stub was driven in ground 430.7 ft. due s. of magnetic sta., stub was to be replaced by stone post similar to sta. post; true bearings to spire on Children's Home (mark)=21° 45′.0 e. of s.; to East Side High School tower=11° 25′.9 e. of s.

Hamilton; *Cincinnati*, 1907—Burnet Woods Park, Cincinnati University grounds, s. of athletic field, on high ground overlooking same, 58.2 ft. from tree to s. e., 48 ft. from 2nd tree to w.; limestone monument 3 ft. long by 6 in. square, top of stone has been chipped off since 1903; true bearing to main tower of McMicken Hall (mark)=42° 07′.2 w. of n.; to spire on fire house=50° 53′.8 w. of s.; to s. w. spire on St. George's Church=60° 50′.9 e. of s.

Cincinnati, 1903—Mount Lookout, Cincinnati Observatory, Kilgore's 1st subdivision, lot 88 or 89, about 300 ft. n. of n. e. cor. of observatory, from which true bearing to water tower 2 mi. dist., =34° 01′.9 w. of true n.; to church spire in Madisonville=39° 38′.2 e. of true n. (sta. not marked)

Hancock; *Findlay*, 1904—city cemetery, 1 mi. w. of town, 18 in. n. of s. edge of extension of main e. and w. driveway at point w. of intersec. with driveway from n. w., 52.2 ft. e. of oak on n. side of main e. and w. drive; sandstone 36 by 6 by 6 in. set 3 in. below ground from which true bearing to flag pole of Adams School=62° 00′.8 e. of true s.; to Catholic Church spire 55° 30′.2 e. of true s.

Hardin; *Forest*, 1903—Heuston Cemetery, n. w. of, about 2¼ mi. n. of town, near cen. of two paths between lots 14 and 15, between rows 10 and 11 respectively, sandstone 36 by 6 by 6 in., lettered on top U. S. C. & G. S., 1903, set 2 in. below ground, from which true bearing to M. E. Church spire=82° 39′.3 e. of true s.

Kenton, 1903—Infirmary farm, 1½ mi. n. w. of town, near n. w. cor. of farm in small pasture, 46.8 ft. from hedge fence on n. by pike to Kenton, 263.3 ft. from w. fence; marble post 5 in. square on top with drill hole in cen. marks s. end of meridian line 357.6 ft. long, s. monument is near fence between pasture and apple orchard; sta. is sandstone 36 by 6 by 6 in., 2 in. above ground, lettered U. S. C. & G. S., 1903, from which true bearing to courthouse=67° 12′.1 e. of true s.; to Presbyterian Church spire =66° 25′.0 e. of true s.

Harrison; *Cadiz*, 1904—public school grounds, in large open space s. of blg., 170.6 ft. and 175.2 ft., respectively, from s. e. and s. w. cor. of blg., 112.5 ft. from board fence on w.; sandstone post 6 by 8 by 30 in., set flush with ground, lettered U. S. C. & G. S., 1904, drill hole ½-in. deep in cen. marks point from which true bearing to United Presbyterian Church spire (mark)=52° 27′.5 w. of n.; to courthouse=42° 32′.6 w. of n.; to e. gable of large barn=73° 59′.8 w. of s.

Henry; *Napoleon*, 1903—county Infirmary, 2½ mi. n. of town, in open field e. of main blg., about 195 ft. from n. e. cor. of barn, n. side of lane from barn e., 45.7 ft. from cen. of sandstone and in line with cen. of water standpipe at Napoleon; sandstone 39 by 6 by 8 in. set just n. of fence on n. side of land, 3 in. above ground, lettered on top U. S. C. & G. S., 1903, from which true bearing to standpipe=16° 18′.3 e. of true s.

Highland; *Hillsboro*, 1903—Hillsboro Cemetery, reserve portion, 240 ft. n. w. of main entrance, 53, 44 and 56 ft., respectively, from maples on n. and e. edges of reserve; granite monument 32 in. long and 5 by 6 in. at top, flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to spire of Washington School, 1 mi. dist.,=16° 32′.6 w. of true s.; to highest part of Arthur's monument=35° 13′.9 e. of true n.; to standpipe=50° 26′.5 w. of true s.

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Hocking; *Logan*, 1904—Oak Grove Cemetery, main entrance at end of Market St. 135.4 ft. from n. w. cor. of sexton's res., 54 ft. from 10-in. sycamore tree bearing 15° e. of s., 12.1 ft. from marble post 6 by 6 in. bearing 75° e. of s., 11.5 ft. from cor. where walk meets driveway to n.; marble post 24 in. long, set flush with ground, lettered on top, U. S. C. & G. S.,1904, ½-in. hole in cen. marks point from which true bearing to base of flagstaff on High School (mark)=5° 43′.4 w. of s.

Holmes; *Millersburg*, 1904—High School grounds, about 500 ft. n. from Main St., near and just beyond entrance of driveway to schoolh., 22 ft. from 12-in. hard-maple bearing 15° w. of n., 53.8 from 10-in. hard maple bearing 5° e. of s., 77 ft. from 10-in. maple bearing 12° 27′ w. of s. (mark No. 2), about 45 ft. from cen. of st. on w. side of grounds; sandstone post 6 by 6 by 30 in. set 28 in. in ground, lettered U. S. C. & G. S., 1904, ½-in. hole ½-in. deep marks point from which true bearing to German Church spire (mark)=44° 47′.8 w. of s.; to new frame house, n. gable=61° 10′.8 e. of s.; to frame house across st., e. gable=54° 52′.0 w. of s.

Huron; *Norwalk*, 1903—county Infirmary burial grounds about 1½ mi. s. e. of town, 12 ft. from rail fence on w., 19.2 ft. from plank fence on n.; sandstone, 40 by 7 by 8 in. projecting 3 in. above ground, lettered on top U. S. C. & G. S., 1903, from which true bearing to St. Paul's Catholic Church=0° 16′.1 w. of true n.

Jackson; *Jackson*, 1903—Fairmount Cemetery, eastern part of G. A. R. Circle, sec. A, high ground between Monument and Summit aves., 47.1 ft. to n. w. cor. of Ramsey monument, 11 ft. to cen. of Dr. Jacob's cor. stone, 60.2 ft. to n. e. cor. of base of Sternberger mon.; sandstone monument 3 ft. long and 5 by 8 in. at top, ½-in. above ground, lettered U. S. C. & G. S., 1903, from which true bearing to public school tower=41° 12′.4 w. of true s.; to chimney at pump sta. of waterworks=9° 07′.1 e. of true s.; to courth. tower=60° 23′.8 w. of true s.

Jefferson; *Steubenville*, 1905—county Infirmary grounds, in open field, s. monument of meridian line (date not ascertained), about 0.25 mi. e. of s. infirmary blgs.; sandstone post 16 by 16 in., projecting 30 in. from ground; n. monument is similiar in size, just inside of fence along s. side of rd. to infirmary, across rd. from farmhouse, ⅛ mi. e. of entrance to grounds; true bearing to infirmary barn cupola (mark)=32° 00′.8 w. of n.; to point on water tank=39° 48′.1 w. of n.

Knox; *Mt. Vernon*, 1903—Riverside Park in western part of town, near cen., s. of base-ball grounds, n. of small grove of trees and old tennis court, 83.7 ft. from willow tree s. w., 57 ft. from small hard maple s., 114 ft. from large sycamore n. and w.; stone 36 by 8 by 6 in., lettered on top U. S. C. & G. S., 1903, flush with ground, from which true bearing to Presbyterian Church spire=80° 54′.8 e. of true s.; to Congregational Church spire=84° 06′.2 e. of true s.

Lake; *Painesville*, 1909—township park about 3 mi. from town, about ½ mi. e. of Fairport on shore of Lake Erie, 104 ft. e. from sta. to fence, 172 ft. s. w. to n. e. post of e. porch of cement blg., about 105 ft. n. to edge of bank along lake; Bedford limestone post 6 by 6 by 22 in., lettered U. S. C. & G. S., level with ground, from which true bearing to water tank on breakwater (mark)=80° 47′.5 w. of n.; to lighthouse on breakwater=69° 42′.8 w. of n.; to flagpole on elevator=47° 40′.4 w. of s.

Lawrence; *Ironton*, 1904—Mr. Wm. Kelley's property, top of high bluff n. e. of city, prominent point of hill may be seen at end of Chestnut St., 83.8 ft. from locust tree bearing 10° e. of n., 54 ft. from edge of bluff which drops perpendicularly about 40 ft., line to edge of bluff bears 40° w. of s.; freestone post 4 by 6 by 32 in. set 29 in. in ground, lettered on top U. S. C. & G. S., 1904, + in cen. from which true bearing to Catholic Church steeple (mark)=85° 36′.2 w. of s.; to Spencer M. E. Church=70° 03′.1 w. of n.; to High School cupola=73° 36′.2 w. of n.

Licking; *Newark*, 1904—Woodside Grammar School grounds, near s. w. cor., 135.5 ft. from left-hand cor. of stone found. of porch at s. entrance of blg., 133.7 ft. from n. w. cor. of main part of blg., 23 ft. from 28-in. elm bearing 18° e. of n., 13.5 ft. from 22-in. elm bearing 82° e. of s., 40 ft. from edge of 11th St.; granite post 5 by 7 by 28 in. set 26 in. in ground, lettered U. S. C. & G. S., 1904, ½-in. hole ½-in. deep in cen. marks point from which true bearing to apex of roof of Mr. Wymer's house (mark) =4° 41′.2 w. of s.

Logan; *Bellefontaine*, 1900—Campbell's hill, (highest point in Ohio) 2½ mi. e. of court-house, 122½ ft. from larger of two trees, 124 ft. w. of fence; Georgia marble block 3 ft. long, 8¼ by 8-3 8 in. on top, lettered U. S. C. & G. S., with + marking point; this

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block rests on another Georgia marble block and extends 8 in. above ground; the county surveyor set another stone marking true meridian line on crest of opposite hill n. and nearer rd.; mark or range used was flagstaff on courth. which bears 72° 25′.9 w. of true s.

Lorain; *Elyria*, 1903—county Infirmary farm, about 2 mi. from town, in pasture about 1200 ft. w. of blgs., 29.5 ft. from s. pasture fence, 57 ft. from e. fence; sandstone 36 by 6 by 6 in., projecting 2 in. from ground, lettered on top U. S. C. & G. S., 1903, from which true bearing to chimney on house about ½ mi. e.=80° 12′.4 e. of true s.; to n. w. edge of main infirmary blg.=88° 08′.7 e. of true s.

Oberlin, 1903—grounds of small dist. schoolh. about 3½ mi. s. w. of town, near n. e. cor., 12.8 ft. from e. fence, 12.9 ft. from n. fence, about 150 ft. n. e. of schoolh.; sandstone 36 by 6 by 6 in., nearly flush with ground; lettered on top U. S. C. & G. S., 1903, from which true bearing to w. edge of chimney on Luther's res.=25° 12′.8 w. of true s.

Lucas; *Maumee*, 1903—Tippecanoe Park, short dist. s. e. of site of Fort Meigs, on Maumee River about 1½ mi. a little w. of s. from town and on oppos. side of Maumee River, in Wood Co; 74.8 ft. from fence along Maumee and Perrysburg rd. on w. side of park, 18.2 ft. s. w. of shellback hickory; sandstone 36 by 6 by 6 in. projecting 3 in. above ground, lettered on top U. S. C. & G. S. 1903, from which true bearing to Catholic Church cross in Maumee=18° 47′.5 e. of true n.; to smokestack of glass factory=2° 45′.8 e. of true n.

Toledo, (sta. of 1910 reoccupied), Harbor View Beach grounds (old Shepard farm) near boundary line separating it from Case farm, about 5½ mi. n. e. of cen. of city, Maumee Bay shore, 60.7 ft. slightly w. of s. from iron stake 1½ in. square, 6 in. above ground, which marks old triangulation sta.; in line with w. wall of dancing pavilion; 115.8 ft. n. from n. w. cor. of concrete found., 130.6 ft. from n. e. cor. of found., 61.1 ft. from n. w. to n. e. cor. of found.; pine stake 2 by 2 by 15 in. flush with ground, from which true bearing to w. gable of farmhouse (slate roof) (mark)=50° 11′.2 e. of s.; to e. gable of farmhouse=38° 22′.0 w. of s.; to w. gable on barn e. of house with slate roof =52° 48′.7 e. of s.

Madison; *London*, 1903—Children's Home pasture, eastern end, 300 ft. from s. fence line, 300 ft. from e. fence line, about 250 ft. from n. fence line, 130 ft. from oak n. e., 150 ft. from 2nd oak e.; limestone 3 ft. long and 6 in. square at top, ¾-in. above ground, lettered U. S. C. & G. S., 1903, from which true bearing to courthouse tower 2 mi. dist.,=00° 24′.4 w. of true s.; to waterworks standpipe=7° 42′.7 w. of true s.

Mahoning; *Youngstown*, 1907—Mill Creek Park, open piece of ground about 3 mi. s. of cen. of town, between iron brg. over Mill Creek and pavilions etc. in park, brg. is between Laterman's Falls and old pavilion; southern part of open space, about 500 ft. s. of above brg., 79.5 ft. s. w. of s. w. of 2 trees—24.6 ft. apart—about 2 ft. in diam., 76 ft. a little s. of e. from lone tree about 1.8 ft. in diam.; marble post 4 by 4 by 20 in., 2 in. above ground, from which true bearing to top of s. post of iron brg. (mark)=31° 46′.3 e. of n.

Marion; *Marion*, 1900—county Infirmary grounds, about 2 mi. e. of courth., in small pasture s., 53.8 ft. from s. fence, 59.8 ft. from e. fence of field; sandstone block 3 ft. long, 6 in. square on top, lettered U. S. C. & G. S., with + in cen. from which true bearing to n. w. edge of house about 1 mi. s. e.=50° 29′.6 e. of true s.; to s. w. edge of barn s. w.=21° 03′.2 w. of true s.; to s. e. edge of s. e. chimney on infirmary =1° 56′.9 e. of true n.

Medina; *Lodi*—in field 1 mi. n. e. from town's cen., w. side of Medina rd., half-way between houses of L. C. Prouty and LeRoy Ellis, about 500 ft. n. from s. boundary of field, 270 ft. w. from e. boundary, 91.9 ft. n. w. from + blazed about 1½ ft. above ground in large oak, 119 ft. from + blazed 1 ft. above ground in large lone tree in hollow.; marble post 27 by 6 by 6 in., magnetic sta. marker in top, projecting 2 in. above ground, from which true bearing to top of Methodist Church steeple (mark)=38° 08′.6 w. of s.; to spire on cupola of Old Ladies' Home=40° 49′.9 w. of s.; to w. gable of L. C. Prouty's house=32° 26′.4 w. of s.

Meigs; no observation made.

Mercer; *Celina*, 1903—2½ mi. w. of town, near s. w. cor. of 5th dist. public school grounds in n. e. cor. of county infirmary farm., 17.0 ft. from s. fence, 16.5 ft. from w. fence, about 195 ft. s. of brick schoolh.; limestone 36 by 6 by 6 in., projecting 3 in. above ground, lettered on top U. S. C. & G. S., 1903, from which true bearing to s. edge of standpipe at Celina=78° 27′.0 w. of true n.

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Miami: *Troy*, 1903—county Children's Home, n. e. portion of pasture, ¼ mi. s. e. of Home blgs., 100 ft. s. of n. fence line of pasture; limestone 3 ft. long and 6 in. square at top, ¼-in. above ground, lettered U. S. C. & G. S., 1903, from which true bearing to spire of Lutheran Church at Casstown, 2 mi. dist.,=00° 06′.8 w. of true n.; to tower of Dye schoolh.=74° 13′.3 e. of true n.

Monroe: *Woodsfield*, 1904—High School grounds, near n. e. cor., 151.9 ft. and 178.8 ft. respectively, from n. e. and s. e. cors. of blg. which bear respectively, 78° 52′.3 w. of n. and 79° 17′.8 w. of s., 43 ft. and 15 ft., respectively, from picket fence e. and 4-in. maple bearing 25° w. of n.; sandstone post 7 by 7 by 30 in. set 29 in. in ground, lettered U. S. C. & G. S., 1904, ½-in. hole drilled ½-in. deep in cen. from which true bearing to Catholic Church spire=34° 58′.2 w. of s.

Montgomery: *Centerville*, 1903—Cemetery, northern part, 2 ft. n. of s. edge of most northern 10-ft. alley, 10 ft. w. of n. end of 4-ft. alley at intersec. with 10-ft. alley; 13.7 ft. from n. e. cor. of base of Gule Norris mon., 27.9 ft. from n. e. cor. of base of Joseph Manuel mon., 10.2 ft. from n. cor. of n. e. cor. stone of Lamme lot; limestone post 33 by 8 by 8 in., 1 in. below ground, lettered U. S. C. & G. S., 1903, from which true bearing to smokestack at Centerville quarry, about 1 mi. dist.=68°48′.5 e. of true n.; to flag pole on schoolh. of dist. No. 5=32° 29′.0 w. of true n.

Dayton, 1910—National Soldiers' Home grounds, 103.2 ft. from double ash tree, 155.3 ft. from 12-in. ash tree to n. e., 65.4 ft. from cen. West Virginia Ave.; marble post 6 by 6 by 21 in., set flush with ground, lettered U. S. C. & G. S., 1905, from which true bearing to right edge of standpipe (mark)=51° 45′.8 e. of s.; to left edge of standpipe =52° 30′.6 e. of s.; to cupola on headquarters=88° 03′.7 e. of s.; to Protestant chapel steeple=81° 34′.4 e. of n.; to s. cupola on hospital=56° 50′.3 e. of n.

Morgan: *McConnelsville*, 1904—High School grounds, near w. side of grounds next Main St., in open space on small rise of ground, sta. bearing about 75 ft. w. of s. from blg., 22 ft. from elm bearing 22° e. of n., 49 ft. from sugar maple due s., 63.5 ft. from soft-maple bearing 38° w. of s., 21.9 ft. from edge of brick walk on e. side of Main St.; marble post 6 by 6 by 30 in., set 29 in. in ground, lettered U. S. C. & G. S., 1904; ½-in. hole ½-in. deep marks cen. from which true bearing to spire on postoffice blg.= 13° 58′.8 w. of s.

Morrow: *Mt. Gilead*, 1903—Infirmary pasture 1½ mi. n. of town, w. of infirmary blgs. and rd. to town, on slight elev. near n. e. cor., 166.7 ft. and 97 ft. from e. fence along rd. and rail fence on n., respectively.; sandstone 36 by 6 by 6 in., 2 in. above ground, lettered U. S. C. & G. S., 1903., from which true bearing to courthouse spire=45° 08′.3 w. of true s.; observations were also made at n. monument of county meridian line in city cem., 1 mi. dist. from magnetic sta.

Muskingum: *Zanesville*, 1904—county Infirmary grounds, 2½ mi. n. w. of town, 140.1 ft. and 149.0 ft., respectively, from n. w. cor. of blg. and left-hand cor. of steps at entrance to blg., 43.2 and 44.3 ft., respectively, from 15-in. soft maple bearing 6° e. of s. and 20-in. catalpa tree bearing 76° e. of s.; marble post 6 by 6 by 28 in. set 27 in. in ground, lettered U. S. C. & G. S., 1904, from which true bearing to s. w. cor. of infirmary blg., just above stone basement (mark)=16° 50′.0 w. of s.; to n. e. cor. of infirmary blg.= 33° 35′.8 e. of s.

Noble: *Caldwell*, 1904—Olive Cem. ½ mi. e. of town, n. of three stone vaults at left of rd. into cem., 96 ft. from cen. of n. end of e. vault bearing 11° e. of s.; 87.6 ft. from cen. point of vault next to e. vault bearing 5° w. of s.; outside edge of driveway from n. at turn w.; sandstone post 6 by 6 by 36 in., 34 in. in ground, lettered U. S. C. & G. S., 1904, ½-in. hole in cen. marks point from which true bearing to n. gable on R. M. Wells' house (mark)=41° 02′.9 w. of s.; to Olive schoolh.=48° 32′.6 e. of s.

Ottawa: *Port Clinton*, 1903—s. w. cor. of cemetery w. of town, in cen. of path n. and s., 29.3 ft. from w. fence, 59.9 ft. from s. fence; sandstone post 36 by 6 by 6 in., lettered U. S. C. & G. S., 1903, from which true bearing to courthouse spire=83° 22′.6 e. of true s.; to St. John's German Lutheran Church=77° 50′.3 e. of true n.

Put-in-Bay, South Bass Island, 1904—United States Fish Commission grounds, near cen. of w. side, 106.5 ft. from s. w. cor., 101.2 ft. from n. w. cor. of grounds, cors. marked by gas pipe driven in ground; irregular piece of granite set flush with ground, marked on top with + from which true bearing to cen. of chimney of Hunker res. across bay =84° 47′.0 e. of true s.; to point of post on s. gable of fish hatchery=53° 13′.0 e. of true n.

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Paulding; *Paulding*, 1903—county fair grounds, s. w. of town, near w. side of inclosure surrounded by race track, 88½ ft. from inner fence on w. side of race track, 248 ft. n. of judges' stand; marble post 36 by 7 by 7 in., set flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to courthouse tower=29° 12′.4 e. of true n.; to spire of Methodist Church=20° 48′.4 e. of true n.

Perry; *New Lexington*, 1904—public school grounds, 162.5 ft., 44 ft., 25 ft. and 25 ft. respectively, from s. cor. of blg., large 20-in. elm bearing 25° e. of n., 12-in. locust bearing 75° e. of n., and brick walk from st. to school blg.; limestone post 5 by 6 by 30 in. set 28 in. in ground, lettered U. S. C. & G. S., 1904, ½-in. hole ½-in. deep in cen. from which true bearing to flagstaff on Park Hotel (mark)=46° 48′.1 w. of s.; to vane on courthouse=12° 28′.9 w. of s.; to Catholic Church spire=85° 45′.9 w. of s.

Pickaway; *Circleville*, 1909—county Infirmary yard, about 4 mi. e. of town, 80 ft. w. of fence along drive, 192 ft. s. e. of n. w. cor. of main blg.; sandstone post 6 by 6 by 22 in. sunk level with ground, lettered U. S. C. & G. S., from which true bearing to left lightning rod on Children's Home (mark)=81° 01′.2 w. of n.; to n. tip of brick house=6° 18′.2 w. of s.

Pike; *Waverly*, 1915—n. w. cor. of cemetery, w. edge of rd. way running almost n. and s. parallel to and near w. boundary of cem., about 50 ft. from n. fence; flagstone 3 ft. long and 2½ by 15 in. at top, flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to + on Catholic Church 1 mi. dist. (mark)=30° 08′.7 e. of n.; to apex of new Detroit Southern Ry. water tank=76° 40′.2 w. of s., to s. gable of barn 1½ mi. dist.=28° 22′.8 e. of s.; to s. cor. of brick house 300 yds. dist.=66° 56′.2 w. of s.; to apex of ornament on e. wall of cem.=89° 01′.6 e. of n.

Portage; *Ravenna*, 1904—Maple Grove Cemetery, 0.75 mi. n. of town, 200 ft. n. e. of small chapel, 35 ft. from board fence on n., 63.8 ft. from maple tree s. e., 74.5 ft. from 2nd maple s. w.; sandstone 30 by 8 by 6 in., roughly lettered U. S. C. & G. S., set flush with ground, from which true bearing to s. e. cor. of chapel in cem.=44° 52′.4 w. of true s.; to courthouse spire=1° 35′.8 w. of s.

Preble; *Eaton*, 1904—Infirmary pasture, s. e. part; limestone 36 by 6 by 6 in. projecting 2 in. above ground, lettered U. S. C. & G. S., 1903, small hole in cen. of top from which true bearing to courthouse spire=21° 46′.8 e. of true s.; to tower on w. end of infirmary=65° 12′.2 w. of true s.

Putnam; *Ottawa*, 1903—county fair grounds, near w. end and inside race track, 1½ mi. e. of town, 82.6 ft. from inner fence of race track at western end; marble post 36 by 6 by 6 in., projecting 4 in. above ground, lettered U. S. C. & G. S., 1903, from which true bearing to main tower of public school about 1 mi. dist.,=59° 13′.2 w. of true n.; to spire of Catholic Church=63° 21′.4 w. of true n.

Richland: *Mansfield*, 1903—Infirmary farm n. e. of town, in pasture s. w. of bldgs., near w. end of narrow ridge of land, 71 ft. from picket fence of lawn, 74 ft. from wire fence on w.; sandstone 36 by 6 by 6 in., projecting 2 in. above ground, lettered U. S. C. & G. S., 1903, from which true bearing to schoolh. belfry 1 mi. dist.=29° 32′.8 w. of true s.

Ross: *Chillicothe*, 1900—city park, n. stone of meridian line established by local surveyors 1¼ ft. above ground, 1 ft. in diam., 100 ft. w. of front of waterworks, 38.6 ft. from post at junc. of walk and rd. w.; mark or range used was s. stone of meridian line easily found in clump of trees.

Sandusky; *Fremont*, 1903—Infirmary Farm, in open space e. of burial grounds and s. of creek; 41.9 ft. from n. cor., 83.3 ft. from e. cor. of grounds; sandstone 36 by 6 by 6 in., set flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to Catholic Church spire in Fremont=63° 03′.1 w. of true s.; to schoolhouse belfry, ¼ mi. dist.=26° 24′.1 w. of true n.

Scioto: *Portsmouth*, 1915—Mrs. Leonard Eck's meadow, on w. side of Mabert rd. at point 1 mi. n. of New Boston turnpike, 40 ft. back from rd., large cedar 25 ft. s.; hard limestone post, 4 ft. long, about 2 ft. square at base, 1 ft. square at top, projecting 1 ft. above ground, set in concrete base, brass pin in top, from which true bearing to upper s. e. cor. of Eck's res.=89° 00′.1 w. of s.; to e. gable of Hamm's res.=18° 32′.6 w. of n.; to s. w. cor. of res. on hill ¼ mi. dist.=9° 17′.5 w. of n. The n. end of meridian line about 650 ft. long is marked by similar but much heavier monument which projects 27 in. above ground.

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Seneca: *Tiffin*, 1903—county Infirmary farm s. e. of town, n. w. of blgs., in open field near n. boundary of farm, 75.6 ft. s. w. of large elm, 67.2 ft. s. e. of 2nd large elm, both on n. line; stone post 36 by 6 by 6 in., set flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to Catholic Church spire in Tiffin=26° 18'.8 w. of true n.: smaller stone with drill hole in cen. of top set on s. border of same field near orchard marks s. end of meridian line about 400 ft. long.

Shelby: *Sidney*, 1903—county Children's Home 2 mi. s. e. of town, in s. e. portion of pasture, 22.7 ft. s. e. of hard sugar maple, 53.0 ft. w. of silver poplar; limestone 36 by 6 by 6 in. set flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to spire of Catholic Church=32° 41'.2 w. of true n.; to courthouse cupola=28° 30'.2 w. of true n.

Stark: *Alliance*—about 1½ mi. s. w. from town's cen., eastern part of Col. Morgan's estate, 200 ft. w. of South Union Ave., about 700 ft. e. of Col. Morgan's house, near n. w. cor. of central pond, 147.4 ft. s. from nearest point of northern stone post at s. w. cor. of cen. pond, 38.9 ft. s. w. from s. w. cor. of stone dam at n. w. cor. ofce n. pond; marble post 27 by 6 by 6 in., sunk flush with ground with brass magnetic sta. marker in top, from which true bearing to + on steeple of Catholic Church (mark)=34° 11'.7 e. of n.; to base of flagpole on cen. cupola of Col. Morgan's house=86° 14'.2 w. of s.; to base of flagstaff on n. e. tower of same house= 89° 22'.0 w. of n.

Canton, 1905—county fair grounds, approx. in cen. of race track, 540 ft. from trolley line n. and s.; n. monument of meridian line 765 ft. long, estab. by U. S. G. S. in 1900, from which true bearing to base of flagstaff at main entrance of grounds (mark) =0° 44'.2 e. of s.; to s. monument =0° 00'.9 w. of s.; to cupola on large barn s. w. =14° 02'.5 w. of s.; to flagstaff at left of entrance to Floral Hall=31° 12'.0 w. of s.

Summit: *Akron*, 1900—county Infirmary about 1½ mi. w. of town on West Exchange St. on front lawn, 18 ft. from private drive, 123 ft. from line of trees along rd. by infirmary; marble block 3 ft. 1 in. long, set 31 in. in ground, 6 by 6 in. on top, lettered U. S. C. & G. S., with + in cen. from which true bearing to e. edge of tree, just visible to right of wooden lamp-post, =24° 45'.2 w. of true s., to n. cor. of main blg.=59° 20'.4 w. of true n.

Trumbull: *Warren*, 1900—courthouse ground; n. stone of meridian line; s. stone of meridian line is near street car tracks and should not be used for magnetic observation, but was used for mark or range.

Tuscarawas: *New Philadelphia*, 1904—county Infirmary grounds 3 mi. s. e. of town, on narrow hill about 200 yds. n. of blg., 63.6 ft. from mouth of large cistern bearing 15° e. of n., sandstone (Berea) post 5 by 7 by 36 in. set 32 in. in ground, lettered U. S. C. & G. S., 1904, ½-in. hole ½-in. deep in cen. from which true bearing to n. cupola on large barn (mark) =0° 49'.7 e. of s.; to infirmary spire=12° 24'.3 w. of s.

Tuscarawas, 1900—1 mi. n. e. of town, in open field on property of E. S. Russell of Alliance, on bank of Tuscarawas River near brg., just s. of rd., 86.2 and 110.8 ft., respectively, from cen. of rd. and from fir tree in front of farmhouse, 54.2 and 85.3 ft., respectively, from 2 chestnut trees on each side of gate from rd. to field; sta. is marked by peg, from which true bearing to tip of schoolhouse tower=70° 42'.0 w. of true s.

Union: *Marysville*, 1903—fair grounds, in open grassy plot inside race track, 1 mi. n. of town, 48 ft. n. of s. monument of old meridian line; sandstone 36 by 6 by 6 in. lettered on top U. S. C. & G. S., 1903, projecting 2 in. above ground, from which true bearing to German Lutheran Church=23° 32'.2 e. of true s.; to figure on courthouse=7° 59'.3 e. of true s.

Van Wert: *Van Wert*, 1903—1 mi. s. of town in county fair grounds, near cen. of ground inside race track, 203.3 ft. n. of judge's stand, 92.6 ft. from large elm; marble post 36 by 6 by 6 in., 3 in. above ground, lettered U. S. C. & G. S., 1903, from which true bearing to courthouse tower=18° 06'.0 e. of true n.

Vinton: *McArthur*, 1904—High School grounds, back about 200 ft. from st., 18 ft., 123.9 ft., and 135.6 ft., respectively, from stone walk on w., s. e., and s. w. cor. of schoolh; sandstone post 6 by 6 by 32 in. set 30 in. in ground, lettered U. S. C. & G. S., 1904, ½-in. hole in cen. from which true bearing to Presbyterian Church spire=57° 56'.5 e. of s.; to Shively's house, n. gable=28° 24'.1 w. of s.

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Warren; *Lebanon*, 1903—s. e. part of county Infirmary pasture, 175 ft. n. of s. fence line, 14.2 ft. a little to w. of s. from county meridian line s. stone; limestone 3 ft. long and 6 in. square at top, projecting 1 in. above ground, lettered U. S. C. & G. S., 1903. from which standpipe, 1 mi. dist.,=9° 46′.8 e. of true n.; to courthouse spire=9° 23′.3 w. of true n.; to city hall spire=24° 47′.1 w. of true n.

Washington: *Marietta*, 1904, Marietta College Observatory grounds, about 75 ft. n. w. of small equatorial; sandstone post with copper sta. mark, from which true bearing to similar stone set in 1898 to mark true meridian, about 500 ft. s. of sta.,=0° 01′.6 w. of s.; to cupola on Mr. Wilson's house=51° 34′.6 w. of s.

Marietta,—County Agricultural & Mechanical Assoc. grounds, about 1½ mi. n. of courthouse, near Muskingum Riv., in racing track in n. w. part of ring, 16 ft. from fence inside ring, about 120 ft. w. of point where fence passes from level of inside of ring to level of trk. 3 ft. lower; white-marble post 21 by 6 by 6 in., lettered U. S. C. & G. S., projecting 4 in. above ground, from which true bearing to e. tower of St. Mary's Catholic Church (mark) =54° 59′.7 e. of s.; to n. gable of shed e. of race trk.=75° 04′.2 e. of s.; to w. gable of grand stand=36° 24′.7 e. of s.; to s. gable of white house=00° 57′.4 w. of n.

Wayne: *Wooster*, 1904—Wooster University grounds, n. w. of astronomical observatory, 96.3 ft. and 102.9 ft., respectively, from n. w. cor. of main part of blg., n. w. cor. of w. wing of blg.; granite post 6 by 6 by 32 in., set 29 in. in ground, lettered U. S. C. & G. S., 1904, ½-in. hole, ½-in. deep, from which true bearing to Grammar School cupola=1° 10′.9 e. of s.

Williams; *Bryan*, 1904—school grounds, w. part, in park, 63.6 ft. from n. fence, in line with fence between 2 res. lots adjoining grounds on n., 12.1 ft. n. of large oak stump.; syenite rock 27 by 7 by 7 in. set flush with ground, from which true bearing to spire of Baptist Church=72° 51′.7 e. of true n.

Wood; *Bowling Green*, 1903—county Infirmary farm 3½ mi. s. of town, in small open pasture, s. of infirmary blg. and creek flowing e., 41.5 ft. n. of rd. on s. side of farm, 162 ft. from white ash near s. bank of creek, 45 ft. from iron brg.; sandstone 36 by 6 by 6 in. set flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to courthouse=41° 50′.2 w. of true n.; to Methodist Church=46° 36′.4 w. of true n.

Wyandot; *Upper Sandusky*, 1903—Mission Cemetery, n. w. cor., cen. of 2 footpaths, 23.4 ft. from picket fence forming w. boundary of cem., 51.1 ft. from n. boundary fence; sandstone 36 by 6 by 6 in. sunk flush with ground, lettered U. S. C. & G. S., 1903, from which true bearing to spire of German Lutheran Church=10° 52′.1 w. of true s.

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APPENDIX C

Geographic Positions of Ohio-Michigan Boundary Line Posts

Determined by *S. S. Gannett, Geographer,*

1915

U. S. Geological Survey

Note: These posts (stone monuments) are numbered consecutively from the northwest corner of Ohio toward Lake Erie. For detailed description of each one, see Volume I, Final Report, Ohio Cooperative Topographic Survey.

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Geographic Positions of Ohio-Michigan Boundary Line Posts

From Vol. I., Final Report, Ohio Cooperative Topographic Survey

Post Number	Latitude ° ′ ″	Longitude ° ′ ″	Bearing To next post ° ′ ″	Dist. *Feet*
0	41 41 46 20	84 48 21.10	N. 87 32 12 E.	20.0
Witness	41 41 46.20	84 48 20.84	N. 87 32 12 E.	5335.7
1	41 41 48.47	84 47 10.57	N. 86 56 46 E.	5306.6
2	41 41 51.26	84 46 00.72	N. 87 25 05 E.	5345.6
3	41 41 53.63	84 44 50.33	N. 87 53 20 E.	5293.6
4	41 41 55 55	84 43 40.60	N. 88 18 43 E.	5326.5
5	41 41 57.09	84 42 30.42	N. 88 04 25 E.	10557.7
6	41 42 00.57	84 40 11.33	N. 88 51 41 E.	5314.0
7	41 42 01.61	84 39 01.29	N. 88 24 00 E.	5343 4
8	41 42 03.08	84 37 50 88	N. 87 48 36 E.	5273.2
9	41 42 05.07	84 36 41.42	N. 89 41 35 E.	5318 9
10	41 42 05 35	84 35 31.30	N. 88 16 26 E.	5368.2
11	41 42 06 94	84 34 20.57	N. 88 27 45 E.	5322.3
12	41 42 08.34	84 33 10.43	N. 88 14 02 E.	5295 4
13	41 42 09.95	84 32 00 65	N. 88 04 06 E.	5299.2
14	41 42 11.71	84 30 50.83	N. 87 57 59 E.	5236.1
15	41 42 13.54	84 29 41.85	N. 89 43 20 E.	5331.4
16	41 42 13.79	84 28 31.57	N. 88 15 06 E.	5208.0
17	41 42 15.35	84 27 22.95	N. 87 35 17 E	5096.0
18	41 42 17.46	84 26 15.83	N. 88 13 07 E.	11397.3
19	41 42 20.94	84 23 45 65	N. 88 34 26 E.	4472.6
20	41 42 22.04	84 22 46.71	N. 88 30 35 E.	5400.6
21	41 42 23.42	84 21 35.54	N. 87 58 06 E.	5010.4
22	41 42 25.17	84 20 29 53	N. 87 58 26 E.	3715.2
23	41 42 26.47	84 19 40.58	N. 87 55 58 E.	5423.8
24	41 42 28 40	84 18 29.12	N. 88 01 32 E.	5269.1
25	41 42 30.19	84 17 19.69	N. 87 15 48 E.	5288.6
26	41 42 32 68	84 16 10.04	N. 88 21 40 E.	5545.2
27	41 42 34 24	84 14 56.96	N. 88 19 53 E.	5195.3
28	41 42 35 73	84 13 48.49	N. 87 59 10 E.	5553.7
29	41 42 37.65	84 12 35.32	N. 88 01 18 E.	4881.0
30	41 42 39.31	84 11 31.01	N. 87 49 20 E.	5313 7
31	41 42 41.30	84 10 21.00	N. 87 33 25 E.	3991.2
32	41 42 42.98	84 09 28.43	N. 87 31 58 E.	6546.7
33	41 42 45.76	84 08 02.20	N. 87 40 06 E.	5344 7
34	41 42 47.90	84 06 51.79	N. 87 14 00 E.	5289.8
35	41 42 50.42	84 05 42.13	N. 87 42 37 E.	5293.7
36	41 42 52 50	84 04 32.39	N. 87 05 24 E.	5330.4
37	41 42 55.17	84 03 22.20	N. 87 52 24 E.	5303.5
38	41 42 57 11	84 02 12.32	N. 87 55 34 E.	5305.5
39	41 42 59 00	84 01 02.41	N. 89 26 55 E.	5257.9
40	41 42 59.49	83 59 53.09	N. 87 50 27 E	5976.

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41	41 43 01.71	83 58 34.34	N. 87 45 41 E.	5222.5
42	41 43 03.72	83 57 25.53	N. 87 46 42 E.	5369.0
43	41 43 05.77	83 56 14.79	N. 87 37 12 E.	5253.6
44	41 43 07.92	83 55 05.58	N. 87 20 20 E.	5260.5
45	41 43 10.33	83 53 56.29	N. 89 09 27 E.	5194.6
46	41 43 11.08	83 52 47.80	N. 86 23 10 E.	5822.5
47	41 43 14.70	83 51 31.18	N. 88 31 49 E.	5232.6
48	41 43 16.02	83 50 22.21	N. 88 11 10 E.	5338.8
49	41 43 17.68	83 49 11.85	N. 87 33 26 E.	5032.3
50	41 43 19.79	83 48 05.55	N. 88 15 03 E.	5630.8
51	41 43 21.48	83 46 51.33	N. 87 42 25 E.	5024.7
52	41 43 23.46	83 45 45.12	N. 87 50 42 E.	5095.2
53	41 43 25 35	83 44 37.98	N. 87 17 21 E.	5400.1
54	41 43 27.87	83 43 26.85	N. 88 00 44 E.	4122.9
54A	41 43 29.28	83 42 32.51	N. 87 22 25 E.	1337.7
55	41 43 29.89	83 42 14.89	N. 85 27 54 E.	887.9
56	41 43 30 58	83 42 03.22	N. 85 29 09 E.	4416.4
57	41 43 34.01	83 41 05.16	N. 88 50 18 E.	5261.4
58	41 43 35 06	83 39 55.79	N. 87 39 59 E.	7103.3
59	41 43 37.91	83 38 22.19	N. 87 23 00 E.	4277.7
60	41 43 39.84	83 37 25.84	N. 87 09 07 E.	5218.7
61	41 43 42.40	83 36 17.10	N. 88 46 50 E.	5389.1
62	41 43 43.53	83 35 06.05	N. 87 29 10 E.	5132.2
63	41 43 45.75	83 33 58.43	N. 88 29 59 E.	5202.5
64	41 43 47.09	83 32 49.84	N. 87 02 32 E.	4484.5
65	41 43 49.37	83 31 50.78	N. 88 05 49 E.	870.3
66	41 43 49.65	83 31 39.31	N. 87 27 23 E.	1867.9
66A	41 43 50.47	83 31 14.70	N. 88 30 00 E.	3370.5
67	41 43 51.34	83 30 30.26	N. 87 52 47 E.	4559.0
68	41 43 53.00	83 29 30 17	N. 88 00 00 E.	4748.0
69	41 43 54.63	83 28 27.59	N. 87 49 34 E.	3066.8
70	41 43 55.78	83 27 47.17	N. 87 49 44 E.	2291.2
71	41 43 56.63	83 27 16.97	.....	.....

Total distance as measured from post 0 to 71 ..... 369,183.4 feet.

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Counties of Ohio

Approximate Positions by Latitude and Longitude

	Lat.	Long.		Lat.	Long.
Adams	38 45	83 30	Licking	40 00	82 15
Allen	40 45	84 00	Logan	40 15	83 45
Ashland	40 45	82 15	Lorain	41 15	82 00
Ashtabula	41 45	80 45	Lucas	41 30	83 30
Athens	39 15	82 00	Madison	39 45	83 30
Auglaize	40 30	84 00	Mahoning	41 00	80 45
Belmont	40 00	81 00	Marion	40 30	83 00
Brown	39 00	83 45	Medina	41 00	81 45
Butler	39 30	84 30	Meigs	39 00	82 00
Carroll	40 30	81 00	Mercer	40 30	84 30
Champaign	40 15	84 00	Miami	40 00	84 15
Clark	40 00	83 45	Monroe	39 45	81 00
Clermont	39 00	84 15	Montgomery	39 45	84 15
Clinton	39 30	83 45	Morgan	39 30	81 45
Columbiana	40 45	80 45	Morrow	40 30	82 45
Coshocton	40 15	82 00	Muskingum	40 00	82 00
Crawford	40 45	83 00	Noble	39 45	81 30
Cuyahoga	41 30	81 45	Ottawa	41 30	83 00
Darke	40 00	84 30	Paulding	41 00	84 30
Defiance	41 15	84 15	Perry	39 45	82 15
Delaware	40 15	83 00	Pickaway	39 45	83 00
Erie	41 15	82 30	Pike	39 00	83 00
Fairfield	39 45	82 30	Portage	41 15	81 15
Fayette	39 30	83 30	Preble	39 45	84 45
Franklin	40 00	83 00	Putnam	41 00	84 00
Fulton	41 30	84 00	Richland	40 45	82 30
Gallia	38 45	82 15	Ross	39 15	83 00
Geauga	41 30	81 15	Sandusky	41 15	83 00
Greene	39 45	84 00	Scioto	38 45	83 00
Guernsey	40 00	81 30	Seneca	41 00	83 00
Hamilton	39 15	84 15	Shelby	40 15	84 15
Hancock	41 00	83 45	Stark	40 45	81 15
Hardin	40 45	83 45	Summit	41 00	81 30
Harrison	40 15	81 00	Trumbull	41 15	80 45
Henry	41 15	84 00	Tuscarawas	40 30	81 30
Highland	39 15	83 30	Union	40 15	83 15
Hocking	39 30	82 30	Van Wert	40 45	84 30
Holmes	40 30	81 45	Vinton	39 15	82 30
Huron	41 15	82 30	Warren	39 30	84 00
Jackson	39 00	82 30	Washington	39 30	81 30
Jefferson	40 15	80 45	Wayne	40 45	81 45
Knox	40 15	82 15	Williams	41 30	84 30
Lake	41 45	81 15	Wood	41 15	83 30
Lawrence	38 30	82 30	Wyandot	40 45	83 15

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Quadrangles Covering Ohio

Latitudes and Longitudes of Southeast Corners

Quad.	Lat.	Long.
Akron	41 00	81 30
Alger	40 30	83 45
Alliance	40 45	81 00
Alvordton	41 30	84 15
Andover	41 30	80 30
Antrim	40 00	81 15
Arlington	40 45	83 30
Ashland	40 45	82 15
Ashtabula	41 45	80 45
Athalia	38 30	82 15
Athens	39 15	82 00
Bainbridge	39 00	83 15
Batavia	39 00	84 00
Bellefontaine	40 15	83 45
Belleville	39 00	81 30
Bellevue	41 15	82 45
Berea	41 15	81 45
Berne	40 30	84 45
Bidwell	38 45	82 15
Blanchester	39 15	83 45
Bluffton	40 45	83 45
Bobo	40 45	84 45
Bowling Green	41 15	83 30
Brinkhaven	40 15	82 00
Bristolville	41 15	80 45
Brookville	39 45	84 15
Bryan	41 15	84 30
Bucyrus	40 45	82 45
Butler	41 15	84 45
Cadiz	40 15	80 45
Caldwell	39 30	81 30
Cambridge	40 00	81 30
Cameron	39 45	80 30
Canal Dover	40 30	81 15
Canton	40 45	81 15
Carrollton	40 30	81 00
Celina	40 30	84 30
Ceredo	38 15	82 30
Chagrin Falls	41 15	81 15
Chardon	41 30	81 00
Chesterhill	39 15	81 45
Chillicothe	39 15	82 45
Circleville	39 30	82 45
Clarington	39 45	80 45
Cleveland	41 15	81 30
College Corner	39 30	84 45
Columbiana	40 45	80 30
Columbus Grove	40 45	84 00
Conesville	40 00	81 45
Conneaut	41 45	80 30
Continental	41 00	84 15
Coshocton	40 15	81 45
Covington	40 00	84 15
Crestline	40 45	82 30
Cumberland	39 45	81 30
Dayton	39 45	84 00
Defiance	41 15	84 15
Delaware	40 15	83 00
Delphos	40 45	84 15
Deshler	41 00	83 45
Dublin	40 00	83 00
East Cincinnati	39 00	84 15
East Columbus	39 45	82 45
East Liberty	40 15	83 30
Edon	41 30	84 45
Elmore	41 15	83 15
Era	39 30	83 00
Euclid	41 30	81 30
Felicity	38 45	84 00
Findlay	41 00	83 30
Flushing	40 00	81 00
Fort Recovery	40 15	84 45
Fostoria	41 00	83 15
Frazeysburg	40 00	82 00
Fredericktown	40 15	82 30
Fremont	41 15	83 00
Gambier	40 15	82 15
Garrettsville	41 15	81 00
Garrison	38 30	83 00
Glenwood	38 30	82 00
Granville	40 00	82 30
Greenfield	39 15	83 15
Greenup	38 30	82 45
Greenville	40 00	84 30
Guyandot	38 15	82 15
Halls Corners	41 00	84 45
Hamilton	39 15	84 30
Harrison	39 15	84 45
Higginsport	38 45	83 45
Hillsboro	39 00	83 30
Ironton	38 30	82 30
Jackson	39 00	82 30
Jefferson	41 30	80 45
Kelleys Island	41 30	82 30
Keno	39 00	81 45
Kent	41 00	81 15
Kenton	40 30	83 30
Kinsman	41 15	80 30
Lancaster	39 30	82 30
Larue	40 30	83 15
Laurelville	39 15	82 30
Lawrenceburg	39 00	84 45
Lima	40 30	84 00
Lisbon	40 45	80 45
Logan	39 30	82 15
London	39 45	83 15
Loramie	40 15	84 15
Loudonville	40 30	82 00
Lynn	40 00	84 45
Macksburg	39 30	81 15
Marengo	40 15	82 45
Marietta	39 15	81 15
Marion	40 30	83 00
Mason	39 15	84 15
Massillon	40 45	81 30
Maumee Bay	41 30	83 15
Maysville	38 30	83 45
McClure	41 15	83 45
McConnelsville	39 30	81 45
Mechanicsburg	40 00	83 30
Medina	41 00	81 45
Mentor	41 30	81 15
Miamisburg	39 30	84 15
Milford Center	40 00	83 15
Millersburg	40 30	81 45
Morning View	38 45	84 15
Morrow	39 15	84 00
Mount Gilead	40 30	82 45
Mt. Sterling	39 30	83 15
Napoleon	41 15	84 00
Navarre	40 30	81 30
Newark	40 00	82 15
New Comerstown	40 15	81 30
New Lexington	39 30	82 00
New London	41 00	82 15
New Martinsville	39 30	80 45
New Matamoras	39 30	81 00
New Paris	39 45	84 45
Norwalk	41 00	82 30
Oak Harbor	41 30	83 00
Oakhill	38 45	82 30
Oberlin	41 15	82 00
Octa	39 30	83 30
Ottawa	41 00	84 00
Otway	38 45	83 00
Oxford	39 30	84 30
Parkersburg	39 15	81 30
Paulding	41 00	84 30
Peebles	38 45	83 15
Perry	41 45	81 00
Perrysville	40 30	82 15
Philo	39 45	81 45
Piketon	39 00	83 00
Pioneer	41 30	84 30
Point Pleasant	38 45	82 00
Pomeroy	39 00	82 00
Put-in-Bay	41 30	82 45
Ravenna	41 00	81 00
Ravenswood	38 45	81 45
Richwood	40 15	83 15
Roxabell	39 15	83 00
Sabina	39 15	83 30
St. Clairsville	40 00	80 45
St. Henry	40 15	84 30
St. Marys	39 15	81 00
St. Paris	40 00	83 45
Salineville	40 30	80 45
Sandusky	41 15	82 30
Sardinia	39 00	83 45
Scio	40 15	81 00
Sciotoville	38 45	82 45
Seaman	38 45	83 30
Shauck	40 30	82 30
Siam	41 00	82 45
Sidney	40 15	84 00
South Charleston	39 45	83 30
Spencerville	40 30	84 15
Springdale	38 30	83 30
Springfield	39 45	83 45
Steubenville	40 15	80 30
Summerfield	39 45	81 15
Swanton	41 30	83 45
Sycamore	40 45	83 00
Thornville	39 45	82 15
Thurston	39 45	82 30
Tiffin	41 00	83 00
Toledo	41 30	83 30
Troy	40 00	84 00
Uhrichsville	40 15	81 15
Upper Sandusky	40 45	83 15
Vanceburg	38 30	83 15
Van Wert	40 45	84 30
Vermilion	41 15	82 15
Warren	41 00	80 45
Wauseon	41 30	84 00
Waverly	39 00	82 45
Waynesville	39 30	84 00
Wellington	41 00	82 00
Wellsville	40 30	80 30
West Cincinnati	39 00	84 30
West Columbus	39 45	83 00
Westerville	40 00	82 45
West Manchester	39 45	84 30
West Salem	40 45	82 00
Wheeling	40 00	80 30
Wilkesville	39 00	82 15
Woodsfield	39 45	81 00
Wooster	40 45	81 45
Xenia	39 30	83 45
Youngstown	41 00	80 30
Zaleski	39 15	82 15
Zanesville	39 45	82 00

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